

**Catalogue of Parts**

**V-50**  
**VERTICAL**

Printed 1948  
Revised 1953

VICTOR 1837

**MIEHLE PRINTING PRESS & MANUFACTURING COMPANY**

2011 W. Hastings Street (14th & So. Damen)  
Chicago 8, Illinois

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Western Printing Machinery Works  
511 Delaware  
D. C. 20001



# PREFACE

**T**HIS CATALOG has been designed to simplify and expedite the ordering of parts for the V-50 Vertical Press.

The illustration and lists identify all parts, including commercial parts, in the assemblies that make up this press.

Parts on each illustration are identified by index numbers. These index numbers are listed numerically on the parts list accompanying each illustration and are prefixed with two letters to identify them with the illustration to which they refer. **FOR EXAMPLE:** Under the heading "Index No." will appear the listing "VA-1" indicating that the part listed will be found on Illustration No. VA, index number 1, the numeral calling out the part on the illustration. A description of the part is included in a separate column.

**NOTE:** *DO NOT use index numbers to order parts. When ordering parts be sure to include BOTH the part number and the description of the item.*

In the "Description" column, all parts that line up in the regular column are *primary* parts. Parts

that are indented and preceeded by one dot are secondary parts and those parts that are indented and preceeded by two dots are tertiary parts (See "Example of Parts Listing System"). These secondary and tertiary parts are assembled to the primary part under which they are indented and will be shipped with the primary part when that part is ordered. This is done both to insure proper fit and because when primary parts have been worn or damaged enough to require replacement, it is ordinarily desirable or necessary to replace secondary and tertiary parts. However, secondary and/or tertiary parts may be ordered separately, except in rare cases where it is necessary to proper operation that these parts be factory-fitted to primary parts. All parts listed in italic type will be sold *only with parts to which they are attached. They will not be sold separately.*

Included at the back of this catalog is a classified list with part numbers listed in numerical sequence. Each part number is followed by an index number (or numbers), enabling the user to locate both the illustration of the part in the figure in which it appears, and its description in the accompanying parts list.

## EXAMPLE OF PARTS LISTING SYSTEM

PRIMARY PART.....	Rod, Sep Fr Con
Secondary Part.....	Lever, Separator Frame
Tertiary Part.....	. Screw, Collar No. 793—A75

Always be sure to give serial number of PRESS when ordering parts.

# MIEHLE PRINTING PRESS & MANUFACTURING COMPANY

2011 W. Hastings Street (14th & So. Damen)  
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## HOW TO IDENTIFY AND ORDER A PART

To identify and order a required part, proceed according to the following directions:

1. Locate the *figure number* of the assembly illustration in which the required part occurs by referring to the "*Index of Assemblies*" illustrations on page 3 of this catalog.

2. Locate the required part in the *assembly illustration* and note the *index number* for that part.

3. Locate that *index number* in the first column of the parts list accompanying the illustration. (The prefix letters preceding the index number identify the illustration in which the part is shown.)

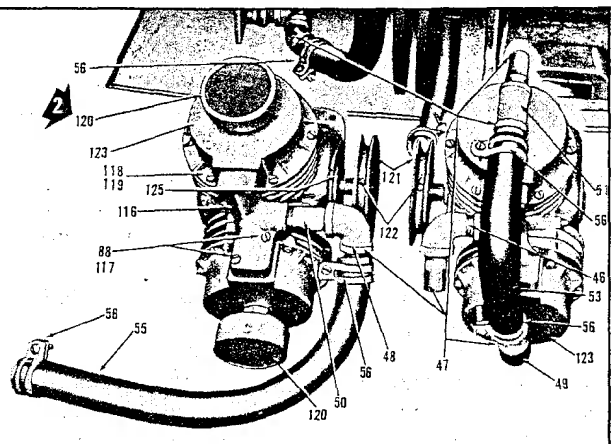
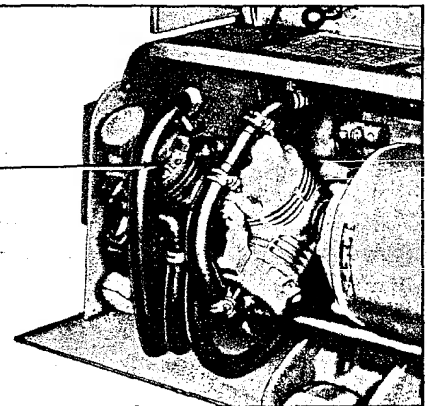
4. Copy the *part number, name and description* as given in the second and third columns for the required part index number.

5. Copy the serial number of the press as given on the serial number plate located above the fly wheel on the press frame.

6. Order part by specifying *Part Number, Name and Description* of the press for which the part is required.

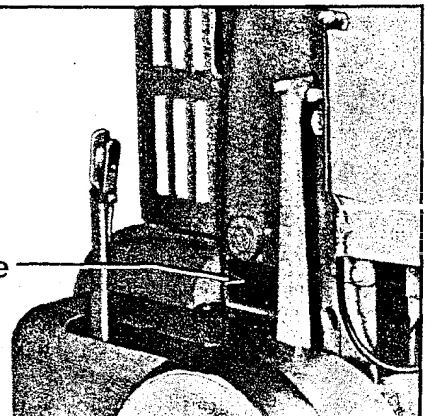
"Please ship one 20271,  
Muffler, Serial No. of Press 000000."

PUMPS and  
ELECTRICAL  
(Figure VG)  
Pages 24-25



VG-114	22752	Nipple, Valve Hose
VG-115	*H-36650	Washer, Lock 5/16 x 1
VG-116	20256	Chamber, Manifold
VG-117	*H-36643	Washer, Lock 1/4 x 1/
VG-118	P-8749	Screw, Air Dome
VG-119	*H-36643	Washer, Lock 1/4 x 3/
VG-120	20271	Muffler
VG-121	P-8720	Screw, Pump
VG-122	P-8469	Screw, Sq Hd Set 3/8 x
VG-123	20314	Pump, Air
VG-124	P-4420	Plug, Body without Ho
VG-125	P-4419	Plug, Body with Hole
VG-126	20265	Dome, Air
VG-127	P-8446	Gasket, Rubber Inlet P
VG-128	P-8425	Gasket, Fibre Inlet Pip
VG-129	20972	Gasket, Manifold

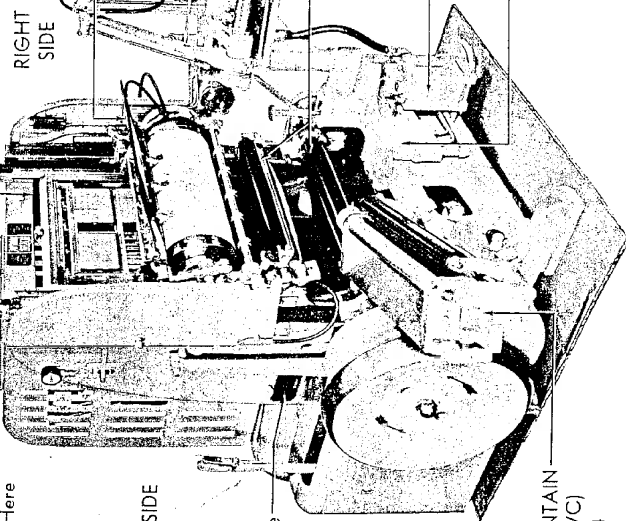
Serial Plate



# INDEX OF ASSEMBLIES

TYPE BED, CYLINDER FRAME  
and PRESS FRAMES (Figure VH)  
Page 26

Serial Number  
Stamped Here



LEFT SIDE

Serial Plate

INK FOUNTAIN  
(Figure VC)  
Page 14

TRANSFER TABLE, SIDE GUIDE & CYLINDER  
(Figure VB)  
Pages 10-13

RIGHT  
SIDE

FEEDER (Figure VA)  
Pages 4-9

FORM & INK ROLLERS  
and INK TABLE  
(Figure VD) Page 15

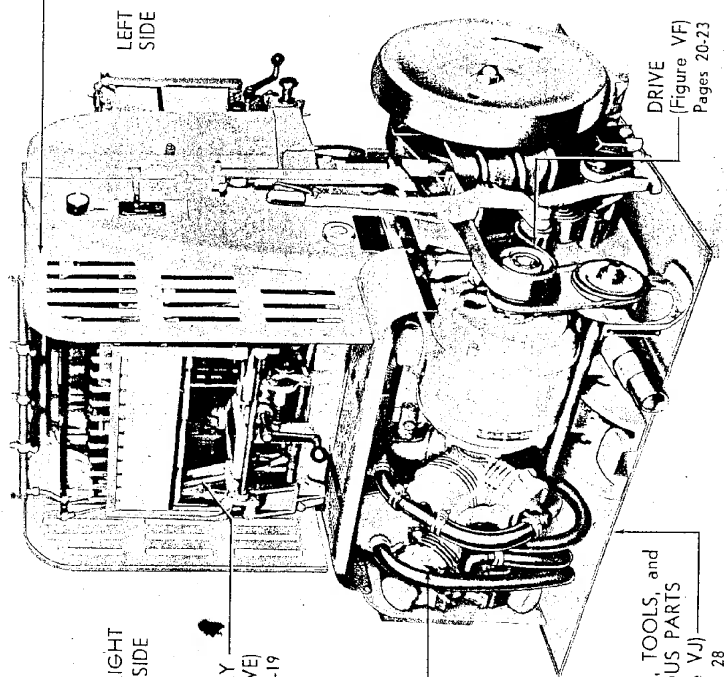
GUARDS  
(Figure VI)  
Page 27

AUTOMATIC LUBRICATION  
SYSTEM (Figure VK)  
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RIGHT  
SIDE

DELIVERY  
(Figure VE)  
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AIR VALVE  
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PUMPS and  
ELECTRICAL  
(Figure VG)  
Pages 24-25

OIL DRIP PAN, TOOLS, and  
MISCELLANEOUS PARTS  
(Figure VJ)  
Page 28

DRIVE  
(Figure VF)  
Pages 20-23

## NOTES

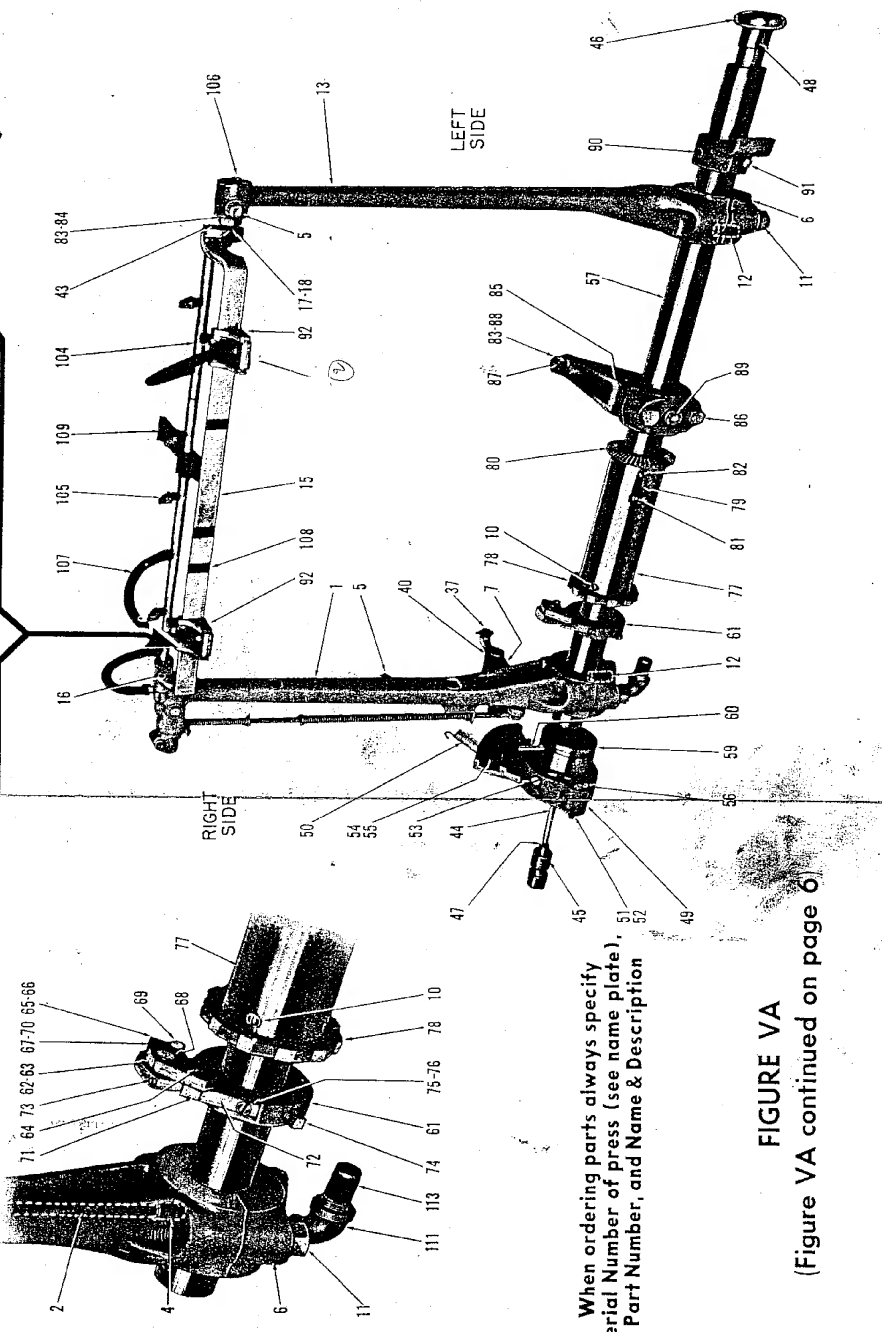
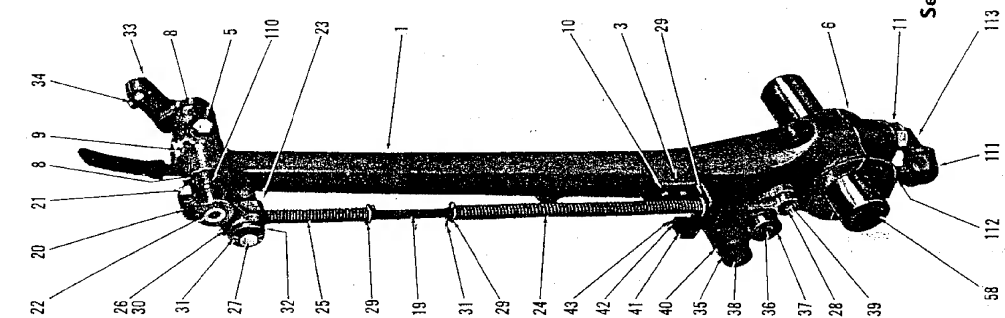
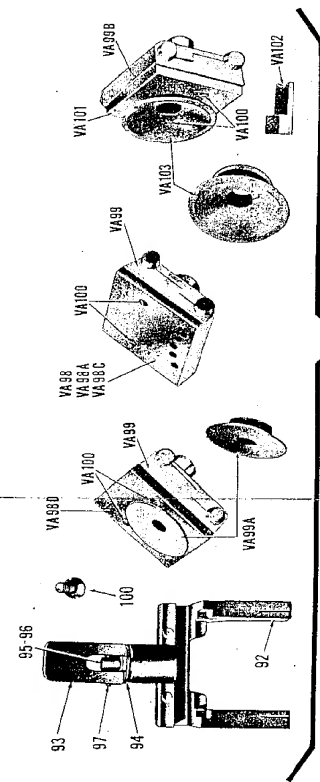
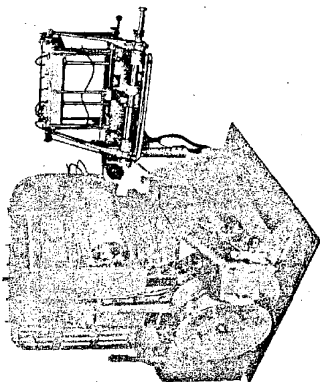
\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinist supply house.

Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.

All parts listed in *Italic type* will be sold *only with the parts to which they are attached. They will not be sold separately.*

*When ordering parts always specify Serial Number of Press (see serial number plate), Part Number, and Name and Description.*

*Always be sure to give serial number of press when ordering parts.*



When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

[Page 4]

FIGURE VA

(Figure VA continued on page 6)

HOW TO ORDER A PART  
INDEX OF ASSEMBLIES

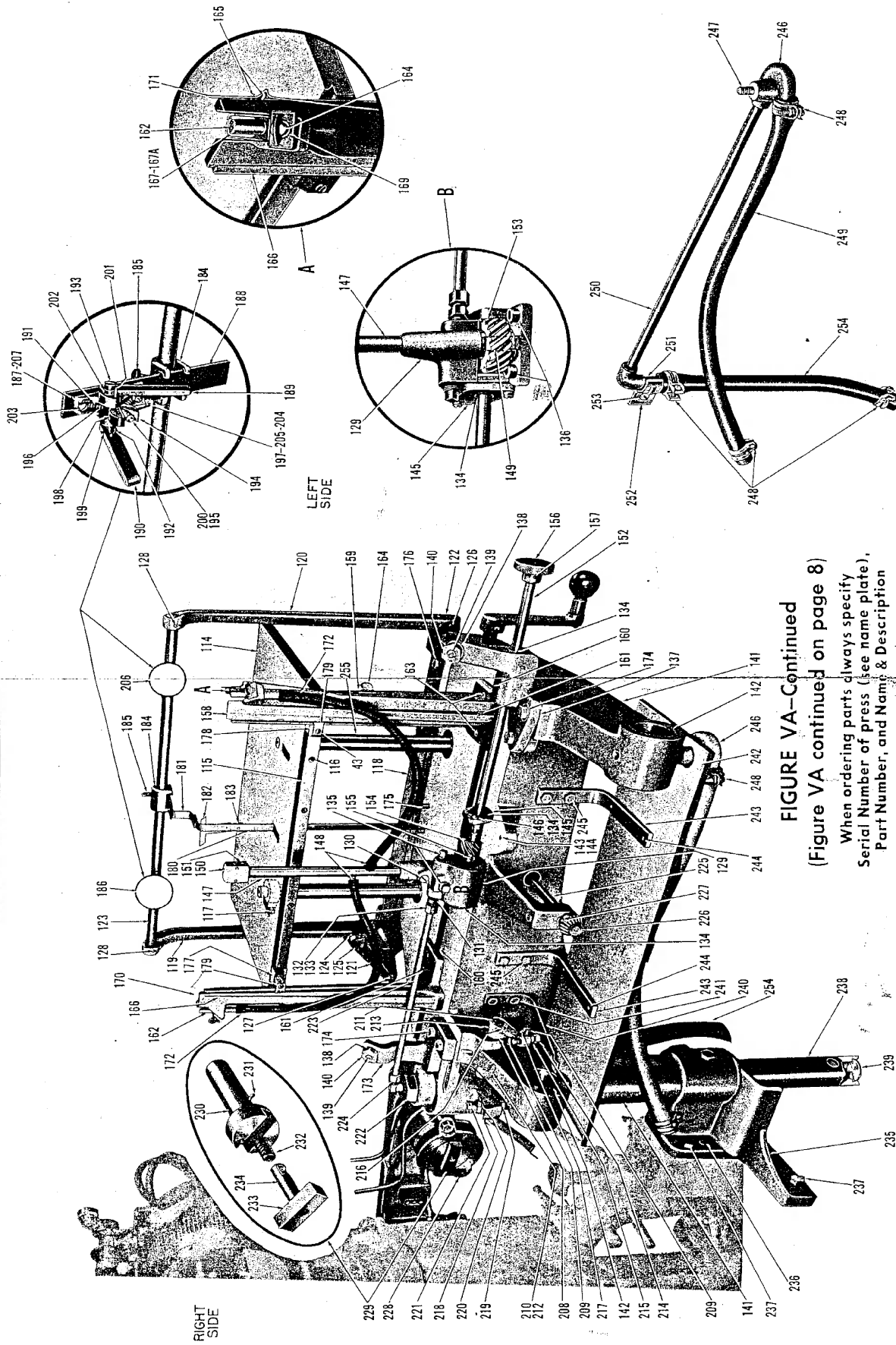
# PARTS LIST FOR FEEDER

(See Figure VA)

Figure and Index No.	Part Number	Name and Description			Part Number	Figure and Index No.	Name and Description		
		1	2	3			1	2	3
VA-1	23084	Arm, Feeder - Rt			TP-102	VA-40	Pin, Taper 80 x 1		
VA-2	21905	Tube, Feeder Arm Air			*22886	VA-41	Lever, Feeder Pile Regulating		
VA-3	21890	Guide, Sep Fr, Con Rod			*H-35009	VA-42	Screw, Hex 10-24 x 3/4		
VA-4	22438	Bushing, Air Tube			*H-35000	VA-43	Screw, Flat Hd Mach 10-24 x 3/4		
VA-5	22026	Cup, Feeder Arm			22477	VA-44	Roller, Control Valve		
VA-6	*OA-529-5	Bearing, Ollite .376 x .5025 x 1-1/8			22475	VA-45	Control Valve		
VA-7	*OA-864	Bearing, Ollite .626 x .816 x 1			22477	VA-46	Handle, Air Valve		
VA-8	*H-51135	Plug, Slotted Pipe 1/8 x 1/4			TP-108	VA-47	Pin, Taper 40 x 5/8		
VA-9	*H-51135	Plug, Slotted Pipe 1/8 x 1/4			TP-108	VA-48	Pin, Taper 40 x 5/8		
VA-10	*H-43845	Screw, Rd Hd Mach 10-24 x 3/8			TP-108	VA-49	Cumy Sep Fr (paper feed)		
VA-11	*H-43845	Pin, Hex Hd Mach 10-24 x 3/8			22714	VA-50	Spring, Sep Fr, Cam		
VA-12	DP-115	Pin, Hex Hd Mach 10-24 x 3/8			22714	VA-51	Spring, Sep Fr, Cam		
VA-13	23088	Arm, Feeder - Lt			22865	VA-52	Spring, Cam Driving Pin		
VA-14	22438	Stud, Stop			22865	VA-53	Stud, Cam Retaining		
VA-15	*20228	Cup, Feeder Arm			22865	VA-54	Screw, Rd Hd Mach 1/4-20 x 1/2 Spl 3/8 Thd		
VA-16	*H-43845	Pin, Dowel 3/8 x 1-1/8			22865	VA-55	Washer, Finished 1/4 x 5/8 x 1/16		
VA-17	DP-115	Pin, Dowel 3/8 x 1-1/8			*H-34598	VA-56	Pin, Cotter 1/8 x 3/8		
VA-18	23089	Port, Feeder Frame			23185	VA-57	Pin, Cotter 1/8 x 3/8		
VA-19	22438	Port, Feeder Frame			22865	VA-58	Pin, Cotter 1/8 x 3/8		
VA-20	*H-516-5	Stud, Separator Frame			22865	VA-59	Pin, Cotter 1/8 x 3/8		
VA-21	21636	Washer, Sep Fr, Thust			22865	VA-60	Pin, Cotter 1/8 x 3/8		
VA-22	21636	Washer, Sep Fr, Thust			22865	VA-61	Pin, Cotter 1/8 x 3/8		
VA-23	21636	Washer, Sep Fr, Thust			22865	VA-62	Pin, Cotter 1/8 x 3/8		
VA-24	21636	Washer, Sep Fr, Thust			22865	VA-63	Pin, Cotter 1/8 x 3/8		
VA-25	21636	Washer, Sep Fr, Thust			22865	VA-64	Pin, Cotter 1/8 x 3/8		
VA-26	21636	Washer, Sep Fr, Thust			22865	VA-65	Pin, Cotter 1/8 x 3/8		
VA-27	21636	Washer, Sep Fr, Thust			22865	VA-66	Pin, Cotter 1/8 x 3/8		
VA-28	21636	Washer, Sep Fr, Thust			22865	VA-67	Pin, Cotter 1/8 x 3/8		
VA-29	21636	Washer, Sep Fr, Thust			22865	VA-68	Pin, Cotter 1/8 x 3/8		
VA-30	21636	Washer, Sep Fr, Thust			22865	VA-69	Pin, Cotter 1/8 x 3/8		
VA-31	21636	Washer, Sep Fr, Thust			22865	VA-70	Pin, Cotter 1/8 x 3/8		
VA-32	21636	Washer, Sep Fr, Thust			22865	VA-71	Pin, Cotter 1/8 x 3/8		
VA-33	21636	Washer, Sep Fr, Thust			22865	VA-72	Pin, Cotter 1/8 x 3/8		
VA-34	21636	Washer, Sep Fr, Thust			22865	VA-73	Pin, Cotter 1/8 x 3/8		
VA-35	21636	Washer, Sep Fr, Thust			22865	VA-74	Pin, Cotter 1/8 x 3/8		
VA-36	21636	Washer, Sep Fr, Thust			22865				
VA-37	21636	Washer, Sep Fr, Thust			22865				
VA-38	21636	Washer, Sep Fr, Thust			22865				
VA-39	21636	Washer, Sep Fr, Thust			22865				

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinists' supply house.  
Primary parts of an assembly will always include those parts which are indented under them in the classified lists.  
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Always be sure to give serial number of press when ordering parts.



**FIGURE VA-Continued**  
 (Figure VA continued on page 8)  
 When ordering parts always specify  
 Serial Number of press (see name plate),  
 Part Number, and Name & Description



# PARTS LIST FOR FEEDER, Continued (See Figure VA)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VA-114	22140	Tubing, Feeder	VA-162	22468	Tube, Fluffer	VA-196	23446	Spring, Pile Rear Guide
VA-115	22859	Gib, Table	VA-163	H-48645	Screw, Fill Hd Mach 10-32 x 1/2	VA-197	23447	Spring, Rear Guide Stud
VA-116	H-49310	Screw, Flat Hd Mach 8-32 x 1/2	VA-164	H-66819E	Screw, Thumb, Economy 8-32 x 3/8	VA-198	23448	Pin, Dowel 1/8 x 9/16 x 7/32 x 1/32
VA-117	H-57092	Bracket, Flat Hd Set 3/8-16 x 7/8	VA-165	DP-3	Pin, Dowel 1/16 x 5/16	VA-199	DP-27	Pin, Dowel 3/32 x 3/8
VA-118	21000	Bracket, Pile Guide Rod Arm	VA-166	A22469	Assembly, Fluffer Stop (paper feed)	VA-200	DP-13	Pin, Dowel 3/32 x 1/2
VA-119	22042	Arm, Pile Guide - Lt	VA-167	A22469	Assembly, Fluffer Stop (cardboard feed)	VA-201	DP-15	Pin, Dowel 3/32 x 1/2
VA-120	22042	Arm, Pile Guide - Rt	VA-168	H-48619E	Screw, Fill Hd Mach 10-32 x 3/8	VA-202	DP-19	Pin, Dowel 3/32 x 3/4
VA-121	22344	Spring, Guide Rod Arm	VA-169	WB-6019E	Screw, Fill Hd Mach 10-32 x 3/8	VA-203	H-48715	Screw, Fill Hd Mach 10-24 x 3/8
VA-122	22661	Shaft, Guide Rod Arm	VA-170	22423	Guide, Sheet - Lt	VA-204	H-48715	Screw, Fill Hd Mach 10-24 x 3/8
VA-123	22660	Shaft, Feeder Pile Guide	VA-171	22423	Guide, Sheet - Rt	VA-205	H-67312	Ball, Steel 3/16
VA-124	22226	Nut, Pile Guide Lock	VA-172	22259	Tube, Feeder Blow	VA-206	22326	Lever, Feeder Pile
VA-125	TP-72	Pin, Taper 3/8 x 1 1/2	VA-173	22259	Stop, Feeder Arm - Rt	VA-207	22326	Lever, Pile Reg Inter
VA-126	TP-72	Pin, Taper 3/8 x 1 1/2	VA-174	H-57124	Washer, Shockproof Lock 1174	VA-208	22326	Pin, Inter Layer 3/4
VA-127	H-50871	Screw, Rd Hd Mach 1/4-20 x 5/8 Spl 3/8 Thd	VA-175	H-57124	Nut, Hex 5/16 x 1 1/8	VA-209	22326	Pin, Taper 3/8 x 1
VA-128	21140	Bracket, Blower Tube	VA-176	H-43320	Screw, Hex Hd Cap 5/16-18 x 1-1/4	VA-210	TP-102	Screw, Sq Hd Set 5/16-18 x 1-3/8
VA-129	21762	Screw, Blower Tube	VA-177	H-43320	Pipe, Brass Oil	VA-211	H-56932	Nut, Hex 5/16-18 Light
VA-130	IMP-60-F6	Connector, Fluffer Tube	VA-178	H-43310	Screw, Hex Hd Cap 5/16-18 x 1-1/4	VA-212	H-35057	Pin, Dowel 3/16 x 1-3/8
VA-131	IMP-61-F6	Nut, Imperial Brass 3/8 OD Tube	VA-179	22776	Extension, Table - Lt	VA-213	DP-53	Pin, Dowel 3/16 x 1-3/8
VA-132	H-4550-9	Plug, Pipe Sq Hd 1/4	VA-180	22776	Gib, Table Extension	VA-214	22326	Spring, Feeder Pile Spring
VA-133	H-75011	Screw, Hex Soc Cap 3/8-16 x 3/4	VA-181	22452	Holder, Rear Pile (post card)	VA-215	H-43080	Screw, Hex Hd Cap 5/16-18 x 1/2
VA-134	H-46343	Stop, Feeder Arm	VA-182	23452	Spring and Plate	VA-216	H-56892	Nut, Hex 5/16-18 x 7/8
VA-135	H-4550-9	Screw, Hex Soc Cap 3/8-16 x 3/4	VA-183	23452	Clamp, Pile, Rear	VA-217	22326	Stud, Feeder Post
VA-136	SLW-1124	Washer, Shockproof Lock 1174	VA-184	H-66838P	Assembly, Feeder Guide Block - Rt	VA-218	22326	Stud, Feeder Post
VA-137	H-52162	Nut, Hex 5/16 x 1-1/8	VA-185	A21652	Block, Feeder Guide - Lt	VA-219	22326	Stud, Feeder Post
VA-138	H-35380	Platform, Feeder	VA-186	21652	Bar, Adjusting	VA-220	22326	Stud, Feeder Post
VA-139	21010	Screw, Hex Soc Cap 3/8-16 x 3/4	VA-187	21652	Guide, Pile, Rear	VA-221	22326	Stud, Feeder Post
VA-140	22326	Washer, Shockproof Lock 1174	VA-188	21652	Holder, Spring	VA-222	22326	Stud, Feeder Post
VA-141	22326	Nut, Hex 5/16 x 1-1/8	VA-189	21652	Stud, Pile Rear Spring	VA-223	22326	Stud, Feeder Post
VA-142	22326	Stud, Feeder	VA-190	21652	Guide, Pile, Rear	VA-224	22326	Stud, Feeder Post
VA-143	H-36650	Bushing, Feeder Platform	VA-191	21652	Holder, Spring	VA-225	22326	Stud, Feeder Post
VA-144	21599A	Washer, Lock 5/16 x 1/8 x 1/16	VA-192	21652	Stud, Pile Rear Spring	VA-226	22326	Stud, Feeder Post
VA-145	21597	Bushing, Blower Tube Bracket	VA-193	21652	Guide, Pile, Rear	VA-227	22326	Stud, Feeder Post
VA-146	H-4550-9	Screw, Flat Hd Mach 10-32 x 5/8	VA-194	21652	Holder, Spring	VA-228	22326	Stud, Feeder Post
VA-147	H-48671	Tube, Blower	VA-195	21652	Stud, Pile Rear Spring	VA-229	22326	Stud, Feeder Post
VA-148	22326	Pin, Dowel 3/8 x 3/4	VA-196	21652	Guide, Pile, Rear	VA-230	22326	Stud, Feeder Post
VA-149	DP-110	Nozzle, Blower	VA-197	21652	Holder, Spring	VA-231	22326	Stud, Feeder Post
VA-150	21599A	Screw, Slotted Set 1/4-20 x 3/8	VA-198	21652	Stud, Pile Rear Spring	VA-232	22326	Stud, Feeder Post
VA-151	H-57172	Shaft, Blower Tube Adjusting	VA-199	21652	Guide, Pile, Rear	VA-233	22326	Stud, Feeder Post
VA-152	21601	Gear, Blower Tube	VA-200	21652	Holder, Spring	VA-234	22326	Stud, Feeder Post
VA-153	21601	Pin, Taper 3/8 x 1 1/2	VA-201	21652	Stud, Pile Rear Spring	VA-235	22326	Stud, Feeder Post
VA-154	21601	Pin, Taper 3/8 x 1 1/2	VA-202	21652	Guide, Pile, Rear	VA-236	22326	Stud, Feeder Post
VA-155	TP-106	Wheel, Blower Tube Adj Hand	VA-203	H-48640	Assembly, Feeder Guide Block - Lt	VA-237	22326	Stud, Feeder Post
VA-156	TP-104	Guide, Feeder Table-Lt	VA-204	H-48640	Assembly, Feeder Guide Block - Rt	VA-238	22326	Stud, Feeder Post
VA-157	22027	Clamp, Sheet Guide	VA-205	H-67312	Ball, Steel 3/16	VA-239	22326	Stud, Feeder Post
VA-158	22424	Clamp, Feeder Table Guide	VA-206	21652	Guide, Pile, Side	VA-240	22326	Stud, Feeder Post
VA-159	22424	Clamp, Feeder Table Guide	VA-207	21652	Holder, Spring	VA-241	22326	Stud, Feeder Post
VA-160	22424	Clamp, Feeder Table Guide	VA-208	21652	Stud, Pile Rear Spring	VA-242	22326	Stud, Feeder Post
VA-161	22424	Clamp, Feeder Table Guide	VA-209	21652	Guide, Pile, Side	VA-243	22326	Stud, Feeder Post
VA-162	H-48665	Screw, Thumb, Economy 8-32 x 1/2	VA-210	21652	Holder, Spring	VA-244	22326	Stud, Feeder Post
VA-163	H-66819E	Pin, Dowel 1/16 x 5/16	VA-211	21652	Stud, Pile Rear Spring	VA-245	22326	Stud, Feeder Post
VA-164	22027	Clamp, Feeder Table Guide	VA-212	21652	Guide, Pile, Side	VA-246	22326	Stud, Feeder Post
VA-165	22424	Clamp, Feeder Table Guide	VA-213	21652	Holder, Spring	VA-247	22326	Stud, Feeder Post
VA-166	22424	Clamp, Feeder Table Guide	VA-214	21652	Stud, Pile Rear Spring	VA-248	22326	Stud, Feeder Post
VA-167	22424	Clamp, Feeder Table Guide	VA-215	21652	Guide, Pile, Side	VA-249	22326	Stud, Feeder Post
VA-168	22424	Clamp, Feeder Table Guide	VA-216	21652	Holder, Spring	VA-250	22326	Stud, Feeder Post
VA-169	22424	Clamp, Feeder Table Guide	VA-217	21652	Stud, Pile Rear Spring	VA-251	22326	Stud, Feeder Post
VA-170	22424	Clamp, Feeder Table Guide	VA-218	21652	Guide, Pile, Side	VA-252	22326	Stud, Feeder Post
VA-171	22424	Clamp, Feeder Table Guide	VA-219	21652	Holder, Spring	VA-253	22326	Stud, Feeder Post
VA-172	22424	Clamp, Feeder Table Guide	VA-220	21652	Stud, Pile Rear Spring	VA-254	22326	Stud, Feeder Post
VA-173	22424	Clamp, Feeder Table Guide	VA-221	21652	Guide, Pile, Side			
VA-174	22424	Clamp, Feeder Table Guide	VA-222	21652	Holder, Spring			
VA-175	22424	Clamp, Feeder Table Guide	VA-223	21652	Stud, Pile Rear Spring			
VA-176	22424	Clamp, Feeder Table Guide	VA-224	21652	Guide, Pile, Side			
VA-177	22424	Clamp, Feeder Table Guide	VA-225	21652	Holder, Spring			
VA-178	22424	Clamp, Feeder Table Guide	VA-226	21652	Stud, Pile Rear Spring			
VA-179	22424	Clamp, Feeder Table Guide	VA-227	21652	Guide, Pile, Side			
VA-180	22424	Clamp, Feeder Table Guide	VA-228	21652	Holder, Spring			
VA-181	22424	Clamp, Feeder Table Guide	VA-229	21652	Stud, Pile Rear Spring			
VA-182	22424	Clamp, Feeder Table Guide	VA-230	21652	Guide, Pile, Side			
VA-183	22424	Clamp, Feeder Table Guide	VA-231	21652	Holder, Spring			
VA-184	22424	Clamp, Feeder Table Guide	VA-232	21652	Stud, Pile Rear Spring			
VA-185	22424	Clamp, Feeder Table Guide	VA-233	21652	Guide, Pile, Side			
VA-186	22424	Clamp, Feeder Table Guide	VA-234	21652	Holder, Spring			
VA-187	22424	Clamp, Feeder Table Guide	VA-235	21652	Stud, Pile Rear Spring			
VA-188	22424	Clamp, Feeder Table Guide	VA-236	21652	Guide, Pile, Side			
VA-189	22424	Clamp, Feeder Table Guide	VA-237	21652	Holder, Spring			
VA-190	22424	Clamp, Feeder Table Guide	VA-238	21652	Stud, Pile Rear Spring			
VA-191	22424	Clamp, Feeder Table Guide	VA-239	21652	Guide, Pile, Side			
VA-192	22424	Clamp, Feeder Table Guide	VA-240	21652	Holder, Spring			
VA-193	22424	Clamp, Feeder Table Guide	VA-241	21652	Stud, Pile Rear Spring			
VA-194	22424	Clamp, Feeder Table Guide	VA-242	21652	Guide, Pile, Side			
VA-195	22424	Clamp, Feeder Table Guide	VA-243	21652	Holder, Spring			
VA-196	22424	Clamp, Feeder Table Guide	VA-244	21652	Stud, Pile Rear Spring			
VA-197	22424	Clamp, Feeder Table Guide	VA-245	21652	Guide, Pile, Side			
VA-198	22424	Clamp, Feeder Table Guide	VA-246	21652	Holder, Spring			
VA-199	22424	Clamp, Feeder Table Guide	VA-247	21652	Stud, Pile Rear Spring			
VA-200	22424	Clamp, Feeder Table Guide	VA-248	21652	Guide, Pile, Side			
VA-201	22424	Clamp, Feeder Table Guide	VA-249	21652	Holder, Spring			
VA-202	22424	Clamp, Feeder Table Guide	VA-250	21652	Stud, Pile Rear Spring			
VA-203	22424	Clamp, Feeder Table Guide	VA-251	21652	Guide, Pile, Side			
VA-204	22424	Clamp, Feeder Table Guide	VA-252	21652	Holder, Spring			
VA-205	22424	Clamp, Feeder Table Guide	VA-253	21652	Stud, Pile Rear Spring			
VA-206	22424	Clamp, Feeder Table Guide	VA-254	21652	Guide, Pile, Side			
VA-207	22424	Clamp, Feeder Table Guide						
VA-208	22424	Clamp, Feeder Table Guide						
VA-209	22424	Clamp, Feeder Table Guide						
VA-210	22424	Clamp, Feeder Table Guide						
VA-211	22424	Clamp, Feeder Table Guide						
VA-212	22424	Clamp, Feeder Table Guide						
VA-213	22424	Clamp, Feeder Table Guide						
VA-214	22424	Clamp, Feeder Table Guide						
VA-215	22424	Clamp, Feeder Table Guide						
VA-216	22424	Clamp, Feeder Table Guide						
VA-217	22424	Clamp, Feeder Table Guide						
VA-218	22424	Clamp, Feeder Table Guide						
VA-219	22424	Clamp, Feeder Table Guide						
VA-220	22424	Clamp, Feeder Table Guide						
VA-221	22424	Clamp, Feeder Table Guide						
VA-222	22424	Clamp, Feeder Table Guide						
VA-223	22424	Clamp, Feeder Table Guide						
VA-224	22424	Clamp, Feeder Table Guide						
VA-225	22424	Clamp, Feeder Table Guide						
VA-226	22424	Clamp, Feeder Table Guide						
VA-227	22424	Clamp, Feeder Table Guide						
VA-228	22424	Clamp, Feeder Table Guide						
VA-229	22424	Clamp, Feeder Table Guide						
VA-230	22424	Clamp, Feeder Table Guide						
VA-231	22424	Clamp, Feeder Table Guide						
VA-232	22424	Clamp, Feeder Table Guide						
VA-233	22424	Clamp, Feeder Table Guide						
VA-234	22424	Clamp, Feeder Table Guide						
VA-235	22424	Clamp, Feeder Table Guide						
VA-236	22424	Clamp, Feeder Table Guide						
VA-237	22424	Clamp, Feeder Table Guide						
VA-238	22424	Clamp, Feeder Table Guide						
VA-239	22424	Clamp, Feeder Table Guide						
VA-240	22424	Clamp, Feeder Table Guide						
VA-241	22424	Clamp, Feeder Table Guide						
VA-242	22424	Clamp, Feeder Table Guide						
VA-243	22424	Clamp, Feeder Table Guide						
VA-244	22424	Clamp, Feeder Table Guide						
VA-245	22424	Clamp, Feeder Table Guide						
VA-246	22424	Clamp, Feeder Table Guide						
VA-247	22424	Clamp, Feeder Table Guide						
VA-248	22424	Clamp, Feeder Table Guide						
VA-249	22424	Clamp, Feeder Table Guide						
VA-250	22424	Clamp, Feeder Table Guide						
VA-251	22424	Clamp, Feeder Table Guide						
VA-252	22424	Clamp, Feeder Table Guide						
VA-253	22424	Clamp, Feeder Table Guide						
VA-254	22424	Clamp, Feeder Table Guide						

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinist supply house.  
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.  
All parts listed in *italic type* will be sold *only with the parts to which they are attached. They will not be sold separately.*

Always be sure to give serial number of press when ordering parts.

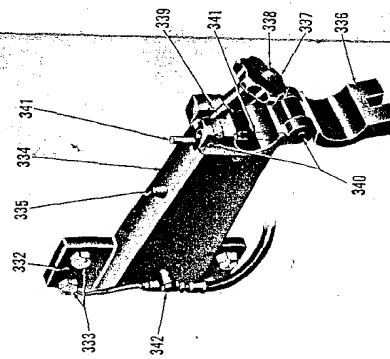
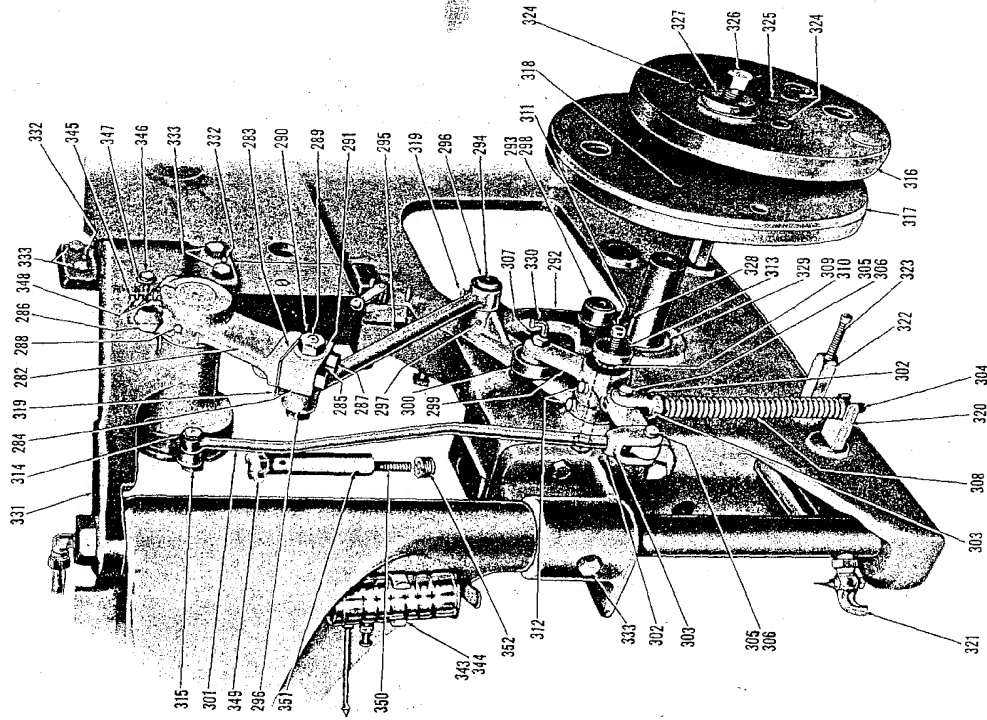
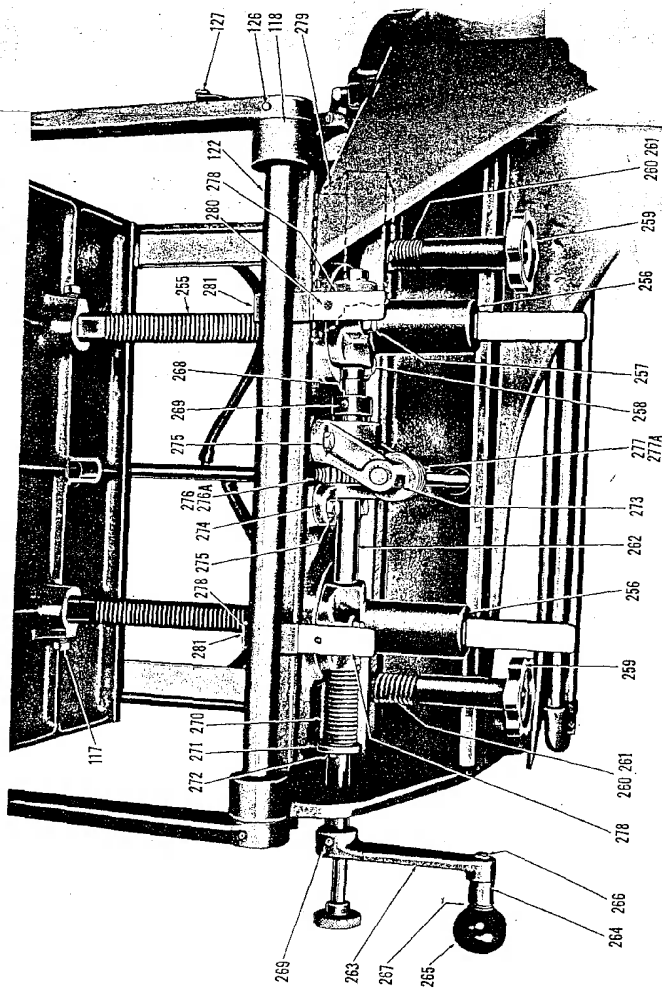


FIGURE VA-Continued

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

**PARTS LIST FOR FEEDER, Continued**  
(See Figure VA)

Figure and Index No.	Part Number	1	2	3	Name and Description	Figure and Index No.	Part Number
	VA-255	23489			Rack, Feeder Table	VA-287	*H-43555
	VA-256	22851			Guide, Feeder Pin Rack	TP-51	*H-43580
	VA-257	*H-43280			Screw, Hex Hd Cup 3/8-16 x 1-3/4	VA-288	TP-51
	VA-258	22727			* Washer, Flat Hd 3/8 x 1/8 x 1/16	VA-289	22727
	VA-259	22727			Washer, Flat Hd 3/8 x 1/8 x 1/16	VA-290	*H-35080
	VA-260	22308			Washer, Flat Hd 3/8 x 1/8 x 1/16	VA-291	WR-56
	VA-261	WR-56			Spring, Side Guide Shifting	VA-292	22308
	VA-262	22302			Washer, Finished 3/8 x 1-3/32 x 7/8	VA-293	22302
	VA-263	22302			* Crank, Pin Adjusting Handle	VA-294	22302
	VA-264	22303			* Crank, Pin Adjusting Handle	VA-295	22302
	VA-265	*H-48154			* Handle, Bolt WF2240	VA-296	*OA-814
	VA-266	WR-21			* Washer, Finished 5/16 x 1/2 x 1/16	VA-297	TP-85
	VA-267	WR-6764			* Washer, Finished 3/8 x 1/8 x 3/32	VA-298	*H-43580
	VA-268	22576			* Collar, Pile Adj Clutch	VA-299	22576
	VA-269	22906			Washer, Flat Hd 3/8 x 1/8 x 1/16	VA-300	22987
	VA-270	22906			Spring, Flat Hd 3/8 x 1/8 x 1/16	VA-301	22987
	VA-271	*H-48154			Washer, Flat Hd 3/8 x 1/8 x 1/16	VA-302	22987
	VA-272	*H-34614			Pin, Cotter 1/8 x 1/4 x 1-3/8 x 3/16	VA-303	22987
	VA-273	22853			Bearing, Worm Gear	VA-304	22987
	VA-274	22854			Bearing, Worm Gear	VA-305	22987
	VA-275	22854			* Screw, Hex Hd Cup 5/16-18 x 1	TP-316	22987
	VA-276	22854			* Washer, Flat Hd 3/8 x 1/8 x 1/16	VA-306	*H-34552
	VA-277	21387			Screw, Pile Adj Worm (paper feed)	VA-307	*H-35246
	VA-278	21387			* Washer, Flat Hd 3/8 x 1/8 x 1/16	VA-308	22840
	VA-279	21387			Worm, Pile Adj (paper feed)	VA-309	22840
	VA-280	21387			Worm, Pile Adj (cardboard feed)	VA-310	*H-33094
	VA-281	21387			Bracket, Tool Box	VA-311	*H-43580
	VA-282	21387			* Screw, Hex Hd 1/2-20 x 3/8	VA-312	*H-43580
	VA-283	21387			* Washer, Flat Hd 3/8 x 1/8 x 1/16	VA-313	*H-43580
	VA-284	*H-48970			Screw, Flat Hd 1/2-20 x 3/8	VA-314	22879
	VA-285	*H-48945			* Washer, Flat Hd 3/8 x 1/8 x 1/16	VA-315	*H-43580
	VA-286	22146			Lever, Feeder Arm	VA-316	22105
	VA-287	22278			* Shim, Connecting Rod	VA-317	22668
	VA-288	22732			* Block, Connecting Rod	VA-318	*H-43580
	VA-289	22732			* Screw, Hex Dowel 1/4 x 1-5/8		
	VA-290	22732			* Screw, Hex Dowel 1/4 x 1-5/8		
	VA-291	*H-43845			* Screw, Hex Dowel 1/4 x 1-5/8		

All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinist supply house.

Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.

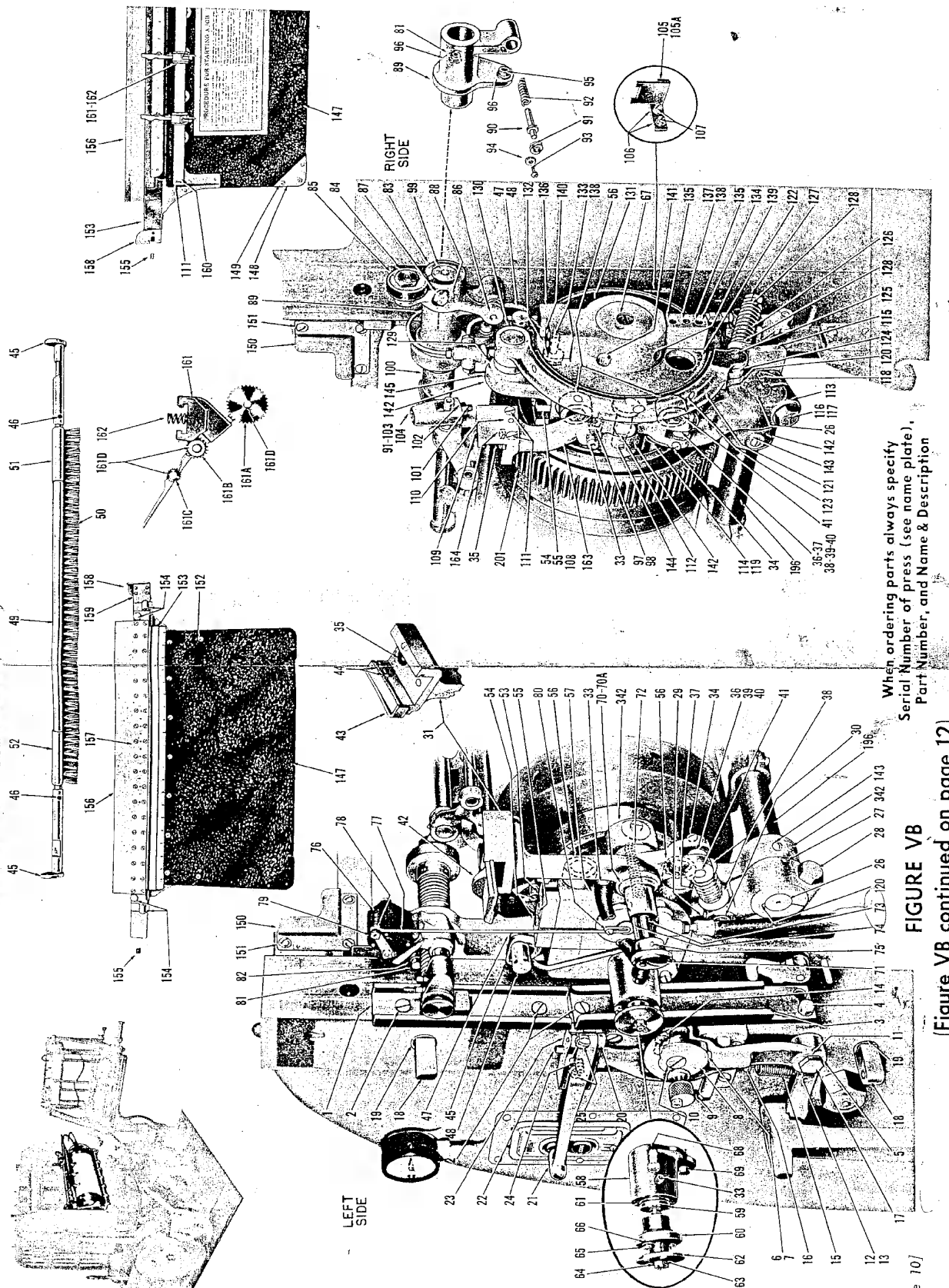
All parts listed in *italic type* will be sold *only with the parts to which they are attached. They will not be sold separately.*

Figure and Index No.	Part Number	Name and Description	Figure and Index No.
	1	2	3
	*H-43535	Screw, Hex, Hd Cap 1/2-13 x 2-1/4	VA-319
	VA-287	Pin, Taper #5 x 1-1/2	VA-320
	VA-288	Pin, Connecting Rod, Upper	VA-321
	TP-51	Nut, Hex, Jam 1/2-20	VA-322
	VA-290	*H-35080	VA-323
	VA-291	WR-56	VA-324
	VA-292	23172	VA-325
	VA-293	23986	VA-326
	VA-294	23987	VA-327
	VA-295	23274	VA-328
	VA-296	*OA-814	VA-329
	VA-297	TP-85	VA-330
	VA-298	*H-35560	VA-331
	VA-299	23993	VA-332
	VA-300	23987	VA-333
	VA-301	23988	VA-334
	VA-302	23116	VA-335
	VA-303	23990	VA-336
	VA-304	23992	VA-337
	VA-305	23994	VA-338
	VA-306	*H-34532	VA-339
	VA-307	23994	VA-340
	VA-308	23994	VA-341
	VA-309	23994	VA-342
	VA-310	*H-35094	VA-343
	VA-311	*H-4633	VA-344
	VA-312	*G-402	VA-345
	VA-313	21820	VA-346
	VA-314	21820	VA-347
	VA-315	*H-35066	VA-348
	VA-316	21015	VA-349
	VA-317	23068	VA-350
	VA-318	*H-54193	VA-351
		Screw, Hex Sec Set 3/8-16 x 1/2	
		Pin, Cam Lever	
		Nut, Hex 3/8-24	
		Spring, Cam Lever	
		Nut, Hex 5/8-11mm Lever	
		Screw, Hex Cap Cap 3/8-16 x 2-1/4	
		Cover, Oil Hole, Gps Bros. Style E	
		Spacer, Cam Lever Stud	
		Stud, Cam Lever Con Rod	
		Nut, Hex 3/8-16	
		*H-35066	
		Nut, Hex 3/8-16	
		Cam, Feeder	
		Screw, Hex Sec Set 3/8-16 x 1/2	

Figure and Index No.	Part Number	Name and Description
YA-319	*G-302	Cover, Oil Hole, Gits Bros. Style R
YA-320	*G-303	Ball, Spring Rod Eye
YA-321	*NP-44E	Cock, Drain, Imperial Brass 1/2 P 1/20P 44E
YA-322	21871	Screw, Hex Sock Cap 3/8-16 x 2
YA-323	*H-46332	Screw, Hex Sock Cap 3/8-11 x 1-1/4
YA-324	*H-46446	Pin, Dowel 1/2 x 1-3/4
YA-325	*H-46446	Screw, Hex Hd Cap 3/4-10 x 1-1/2
YA-326	*H-46446	Washer, Lock 5/16 x 1-3/8
YA-327	*H-4010	Washer, Finished 3/4 x 2-1/8 x 5/16
YA-328	*H-4010	Key, Round 1-1/4 x 3/8
YA-329	*O-2403	Key, Round 1-1/4 x 3/8
YA-330	*G-1201	Cup Oil, Gits Bros. Style L 1032 Tld
YA-331	21011	Bracket, Feeder Shaft - Rt
YA-332	*DP-114	Pin, Dowel 3/8 x 1
YA-333	*H-43495	Screw, Hex Hd Cap 1/2-13 x 1-1/4
YA-334	22076	Bracket, Feeder Shaft - Lt
YA-335	21852	Pin, Cylinder Guard Lock
YA-336	21852	Pin, Feeder Shaft Bracket
YA-337	22857	Pin, Feeder Shaft Bracket
YA-338	22858	Pin, Feeder Shaft Bracket
YA-339	*DP-114	Screw, Feeder Platform Lock
YA-340	*DP-118	Pin, Dowel 3/8 x 1
YA-341	*DP-123	Pin, Dowel 3/8 x 1-1/2
YA-342	*DP-105	Pin, Dowel 3/8 x 2-1/4
YA-343	*H-47799	Screw, Dowel 5/16 x 2-1/2
YA-344	*H-45099	Hole Oil, Cap 1/4-20 x 1
YA-345	23844	Screw, Parker Drive 7 x 3/8
YA-346	*H-44869	Screw, Hex Hd Cap 5/16-24 x 2-1/4
YA-347	*H-36758	Washer, Lock 5/16 x 1/8 x 1-1/6
YA-348	*DP-78	Pin, Dowel 1/4 x 1-3/8
YA-349	22662	Wheel, Fountain Lock Hand
YA-350	22662	Pin, Tower #2 Lt
YA-351	*TP-87	Bushing, Fountain Lock
YA-352	21781	Bushing, Fountain Lock Screw

Always be sure to give serial number of press when ordering parts.

# TRANSFER TABLE, SIDE GUIDE and CYLINDER



When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

FIGURE VB

(Figure VB continued on page 12)

# PARTS LIST FOR TRANSFER TABLE, SIDE GUIDE and CYLINDER (See Figure VB)

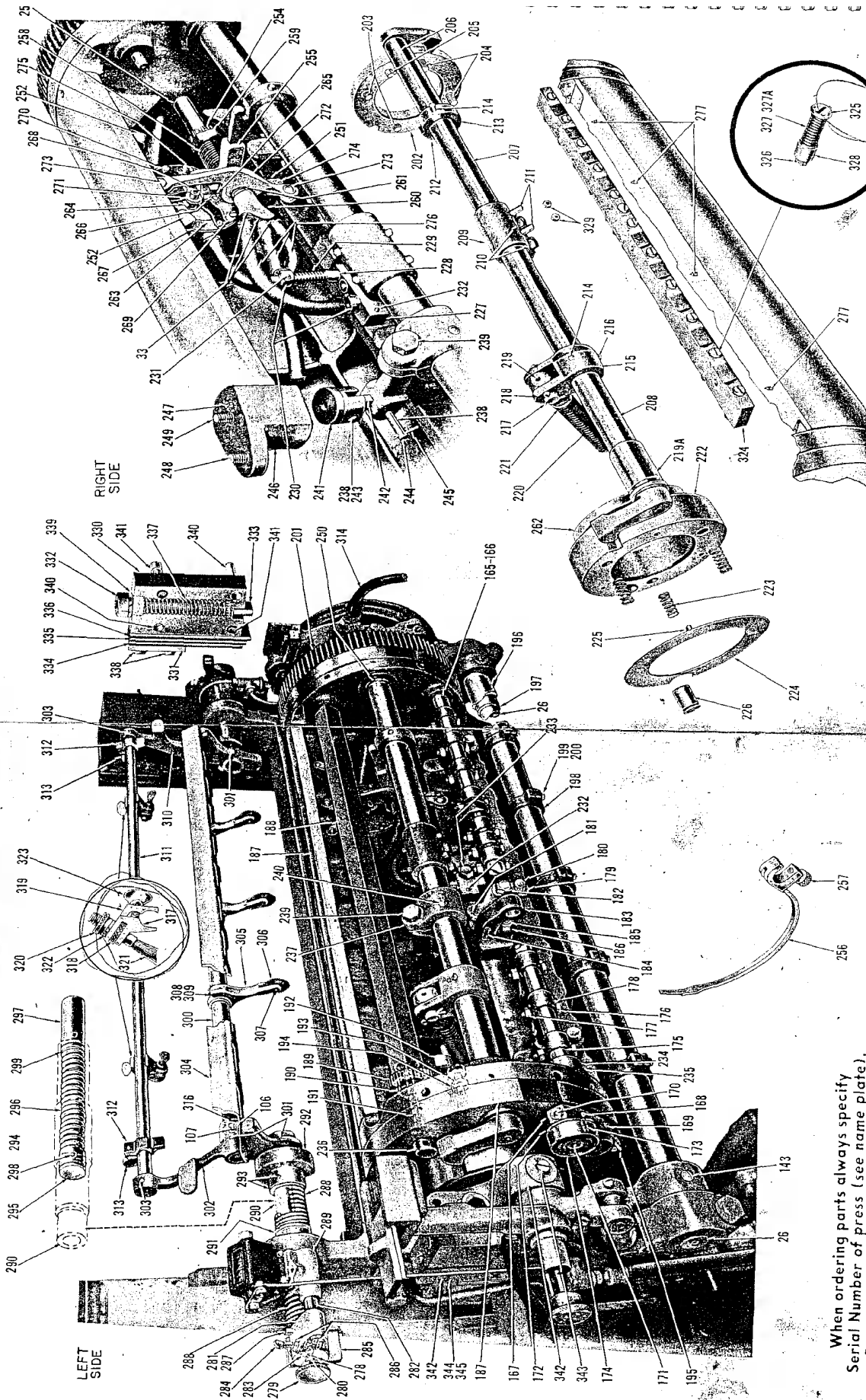
Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description		
		1	2	3			1	2	3
VB-1	23338	Guide, Cam Block			VB-113	23766	Lever, Trans Table Shift - Rt		
VB-2	22805	Stud, Shifting Block Cam			VB-114	22924	Stud, Cam Roller		
VB-3	22831	Cam, Side Guide			VB-115	23760	Arm, Spring		
VB-4	21230	Stud, Cam, Lower			VB-116	H-4352	Screw, Hex Hd Cap 1/2-13 x 2-1/2 Spl 1-7/8 Thd		
VB-5	21230	Stud, Cam, Lower			VB-117	H-4352	Nut, Hex 1/2-13		
VB-6	21230	Stud, Cam, Lower			VB-118	DP-49	Roller, Trans Table		
VB-7	23380	Plunger, Roller Lock Lever			VB-119	22935	Roller, Trans Table		
VB-8	20292	Spring, Plunger			VB-120	K-15	Key, Woodruff 1/4 x 5/8 Com		
VB-9	20292	Stud, Auto Stop Lever			VB-121	23146	Band, Cylinder Brake		
VB-10	20292	Stud, Auto Stop Lever			VB-122	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-11	20292	Stud, Auto Stop Lever			VB-123	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-12	20292	Stud, Auto Stop Lever			VB-124	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-13	20292	Stud, Auto Stop Lever			VB-125	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-14	20292	Stud, Auto Stop Lever			VB-126	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-15	20292	Stud, Auto Stop Lever			VB-127	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-16	20292	Stud, Auto Stop Lever			VB-128	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-17	20292	Stud, Auto Stop Lever			VB-129	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-18	20292	Stud, Auto Stop Lever			VB-130	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-19	20292	Stud, Auto Stop Lever			VB-131	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-20	20292	Stud, Auto Stop Lever			VB-132	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-21	20292	Stud, Auto Stop Lever			VB-133	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-22	20292	Stud, Auto Stop Lever			VB-134	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-23	20292	Stud, Auto Stop Lever			VB-135	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-24	20292	Stud, Auto Stop Lever			VB-136	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-25	20292	Stud, Auto Stop Lever			VB-137	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-26	20292	Stud, Auto Stop Lever			VB-138	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-27	20292	Stud, Auto Stop Lever			VB-139	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-28	20292	Stud, Auto Stop Lever			VB-140	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-29	20292	Stud, Auto Stop Lever			VB-141	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-30	20292	Stud, Auto Stop Lever			VB-142	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-31	20292	Stud, Auto Stop Lever			VB-143	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-32	20292	Stud, Auto Stop Lever			VB-144	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-33	20292	Stud, Auto Stop Lever			VB-145	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-34	20292	Stud, Auto Stop Lever			VB-146	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-35	20292	Stud, Auto Stop Lever			VB-147	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-36	20292	Stud, Auto Stop Lever			VB-148	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-37	20292	Stud, Auto Stop Lever			VB-149	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-38	20292	Stud, Auto Stop Lever			VB-150	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-39	20292	Stud, Auto Stop Lever			VB-151	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-40	20292	Stud, Auto Stop Lever			VB-152	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-41	20292	Stud, Auto Stop Lever			VB-153	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-42	20292	Stud, Auto Stop Lever			VB-154	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-43	20292	Stud, Auto Stop Lever			VB-155	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-44	20292	Stud, Auto Stop Lever			VB-156	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-45	20292	Stud, Auto Stop Lever			VB-157	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-46	20292	Stud, Auto Stop Lever			VB-158	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-47	20292	Stud, Auto Stop Lever			VB-159	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-48	20292	Stud, Auto Stop Lever			VB-160	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-49	20292	Stud, Auto Stop Lever			VB-161	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-50	20292	Stud, Auto Stop Lever			VB-162	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-51	20292	Stud, Auto Stop Lever			VB-163	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-52	20292	Stud, Auto Stop Lever			VB-164	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-53	20292	Stud, Auto Stop Lever			VB-165	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-54	20292	Stud, Auto Stop Lever			VB-166	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-55	20292	Stud, Auto Stop Lever			VB-167	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-56	20292	Stud, Auto Stop Lever			VB-168	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-57	20292	Stud, Auto Stop Lever			VB-169	H-4352	Pin, Dowel 1/4 x 1-1/4		
VB-58	20292	Stud, Auto Stop Lever			VB-170	H-4352	Pin, Dowel 1/4 x 1-1/4		

† VB-67 Cylinder Journal Plug not used on Press after Serial No. 13899.

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Always be sure to give serial number of press when ordering parts.

**TRANSFER TABLE, SIDE GUIDE  
and CYLINDER continued**



**FIGURE VB—Continued**

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description



(See Figure VB)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VB-165	A23945	Retainer Rod	VB-226	23957	Bushing, Collar Spring Pin	VB-286	DP-25	Pin, Side Guide
VB-166	23946	Retainer Rod	VB-227	23958	Holder, Section Tube	VB-287	TP-101	Pin, Side Guide
VB-167	23946	Lever, Cam	VB-228	23959	Tube, Gripper Bar Section	VB-288	22808	Shifting Frame - Lt.
VB-168	TP-102	Pin, 1/4"	VB-229	22845	Collar, Section Tube	VB-289	22802	Shifting Rod - Lt.
VB-169	23947	Cover, 1/4"	VB-230	22846	Pin, Section Tube	VB-290	22802	Shifting Rod - Lt.
VB-170	23947	Cover, 1/4"	VB-231	*H-47700	Screw, Fil Hd Mach 6-32 x 3/8	VB-291	22802	Shifting Rod - Lt.
VB-171	23947	Cover, 1/4"	VB-232	DP-47	Pin, Dowel 3/16 x 3/4	VB-292	22814	Collar, Rod Sleeve
VB-172	23947	Cover, 1/4"	VB-233	*H-47700	Screw, Fil Hd Mach 6-32 x 3/8	VB-293	22814	Collar, Rod Sleeve
VB-173	23947	Cover, 1/4"	VB-234	TP-812	Pin, Dowel 3/16 x 3/4	VB-294	22814	Collar, Rod Sleeve
VB-174	3015F	Pin, Dowel 3/16 x 3/4	VB-235	22814	Pin, Dowel 3/16 x 3/4	VB-295	22814	Collar, Rod Sleeve
VB-175	22917	Lever, Cylinder Gripper	VB-236	21542	Lever, Ratchet Pawl Cushion	VB-296	22814	Collar, Rod Sleeve
VB-176	*H-44768	Pin, Taper 1/4 x 28	VB-237	*O-A-3049	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-297	22814	Collar, Rod Sleeve
VB-177	*H-35232	Bracket, Cyl Gripper Bar	VB-238	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-298	22814	Collar, Rod Sleeve
VB-178	TP-104	Pin, Dowel 3/16 x 11/16	VB-239	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-299	22814	Collar, Rod Sleeve
VB-179	22849	Bracket, Cyl Gripper Bar	VB-240	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-300	20251	Pin, Side Guide
VB-180	22849	Bracket, Cyl Gripper Bar	VB-241	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-301	20251	Pin, Side Guide
VB-181	DP-46	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-242	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-302	20251	Pin, Side Guide
VB-182	*H-43280	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-243	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-303	20251	Pin, Side Guide
VB-183	23454	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-244	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-304	20251	Pin, Side Guide
VB-184	DP-46	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-245	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-305	20251	Pin, Side Guide
VB-185	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-246	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-306	20251	Pin, Side Guide
VB-186	*H-35364	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-247	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-307	20251	Pin, Side Guide
VB-187	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-248	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-308	20251	Pin, Side Guide
VB-188	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-249	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-309	20251	Pin, Side Guide
VB-189	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-250	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-310	20251	Pin, Side Guide
VB-190	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-251	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-311	20251	Pin, Side Guide
VB-191	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-252	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-312	20251	Pin, Side Guide
VB-192	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-253	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-313	20251	Pin, Side Guide
VB-193	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-254	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-314	20251	Pin, Side Guide
VB-194	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-255	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-315	20251	Pin, Side Guide
VB-195	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-256	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-316	20251	Pin, Side Guide
VB-196	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-257	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-317	20251	Pin, Side Guide
VB-197	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-258	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-318	20251	Pin, Side Guide
VB-198	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-259	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-319	20251	Pin, Side Guide
VB-199	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-260	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-320	20251	Pin, Side Guide
VB-200	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-261	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-321	20251	Pin, Side Guide
VB-201	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-262	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-322	20251	Pin, Side Guide
VB-202	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-263	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-323	20251	Pin, Side Guide
VB-203	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-264	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-324	20251	Pin, Side Guide
VB-204	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-265	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-325	20251	Pin, Side Guide
VB-205	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-266	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-326	20251	Pin, Side Guide
VB-206	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-267	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-327	20251	Pin, Side Guide
VB-207	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-268	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-328	20251	Pin, Side Guide
VB-208	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-269	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-329	20251	Pin, Side Guide
VB-209	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-270	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-330	20251	Pin, Side Guide
VB-210	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-271	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-331	20251	Pin, Side Guide
VB-211	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-272	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-332	20251	Pin, Side Guide
VB-212	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-273	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-333	20251	Pin, Side Guide
VB-213	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-274	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-334	20251	Pin, Side Guide
VB-214	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-275	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-335	20251	Pin, Side Guide
VB-215	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-276	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-336	20251	Pin, Side Guide
VB-216	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-277	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-337	20251	Pin, Side Guide
VB-217	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-278	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-338	20251	Pin, Side Guide
VB-218	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-279	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-339	20251	Pin, Side Guide
VB-219	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-280	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-340	20251	Pin, Side Guide
VB-220	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-281	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-341	20251	Pin, Side Guide
VB-221	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-282	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-342	20251	Pin, Side Guide
VB-222	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-283	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-343	20251	Pin, Side Guide
VB-223	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-284	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-344	20251	Pin, Side Guide
VB-224	22844	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-285	21542	Screw, Hex Hd Cap 3/8-16 x 7/8	VB-345	20251	Pin, Side Guide

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinist supply house.  
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.  
All parts listed in italic type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

# INK FOUNTAIN

## PARTS LIST FOR INK FOUNTAIN

(See Figure VC)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VC-1	A-21021	Fountain, Ink - Complete	VC-47	21557	Spring, Fountain Latch
VC-2	21021	Frame, Fountain	VC-48	29467	Stud, Fountain Latch
VC-3	22637	Post, Fountain	VC-49	21508	Latch, Fountain - R
VC-4	TP-51	Pin, Taper #5	VC-50	21555	Stop, Fountain Latch
VC-5	22460	Sleeve, Fountain	VC-51	21556	Washer, Lock Stud Stop
VC-6	CR-145	Callar, Set 1-1/8 x 1-7/8 x 5/8	VC-52	*H-42960	Screw, Hex Hd Cap
VC-7	*H-54173	Screw, Hex Soc 1-7/8 x 5/16	VC-53	1/4-20 x 1-1/4	Pin, Hd Mach
VC-8	A-21021	Fountain, Ink - Complete	VC-54	*H-48070	Washer, Lock
VC-9	21021	Frame, Fountain	VC-55	21557	Spring, Fountain Latch
VC-10	22637	Post, Fountain	VC-56	*H-54054	Screw, Hex Soc 1-7/8 x 5/16
VC-11	TP-51	Pin, Taper #5	VC-57	21843	Lever, Fountain Cam Roller
VC-12	22460	Sleeve, Fountain	VC-58	21840	Roller, Cam Lever
VC-13	CR-145	Callar, Set 1-1/8 x 1-7/8 x 5/8	VC-59	*OS-700-2	Bearing, Oilite
VC-14	*H-54173	Screw, Hex Soc 1-7/8 x 5/16	VC-60	21841	Pin, Cam Roller
VC-15	*OA-852	Set 3/8-16x5/16	VC-61	*H-44618	Pin, Cam Roller
VC-16	*OA-1003	Bearing, Oilite .6255	VC-62	*G-1204	Cup, Oil, Gits Bros. Style L
VC-17	21512	Box, Fountain - R	VC-63	21554	Guard, Fountain Segment
VC-18	21513	Stud, Stop Stud 009	VC-64	*H-48065	Screw, Fil Hd Mach
VC-19	21514	Pin, Stop Stud 010	VC-65	22664	Roller, Fountain Ratchet
VC-20	21515	Frame, Fountain Blade	VC-66	22665	Geat, Fountain Ratchet
VC-21	21516	Blade, Fountain, end	VC-67	22669	Spring, Fountain Pawl
VC-22	22633	Frame, Fountain Blade	VC-68	23552	Leaf, Pawl Spring
VC-23	21331	Screw, Spring	VC-69	*H-47875	Screw, Fil Hd Mach
VC-24	WR-33	Washer, Finished 3/8 x 3/4 x 3/32	VC-70	*H-50407	Screw, Fil Hd Mach
VC-25	21509	Pivot, Blade Frame	VC-71	22667	Pawl, Fountain
VC-26	21510	Stud, Blade Frame	VC-72	22668	Pin, Pawl
VC-27	4500	Nut, Hex	VC-73	22669	Wheel, Fountain Set
VC-28	22630	Roller, Fountain	VC-74	21515	Spring, Key Shaft
VC-29	K-6	Pin, Dowel 7/32 x 1	VC-75	A-21862	Shaft, Ductor Arm
VC-30	DP-99	Pin, Dowel 7/32 x 1 1/4	VC-76	21842	Lever, Ductor Arm Spring
VC-31	DP-43	Pin, Dowel 5/16 x 1/2	VC-77	22794	Stud, Spring Lever
VC-32	DP-43	Filing, Alcoa 1/16 x 1/2	VC-78	22795	Spring, Ductor Arm
VC-33	*H-69324	Cover, Oilite Gits	VC-79	*H-50445	Nut, Spring Adjusting
VC-34	DP-126	Bros. Style GB	VC-80	*H-54180	Screw, Hex Soc Set
VC-35	*H-46355	Pin, Dowel 3/8 x 3	VC-81	TP-64	3/8-16 x 3/8
VC-36	21133	Screw, Hex Soc Cap	VC-82	21174	Arm, Ductor Roller - Lt
VC-37	*H-54059	Segment, Fountain	VC-83	22795	Stud, Ductor Arm
VC-38	22698	Shaft, Fountain Segment	VC-84	OA-838-6	Bearing, Oilite
VC-39	CR-123	1-3/8 x 5/8	VC-85	22589	Key, Plate Roller Key
VC-40	*H-54173	Screw, Hex Soc 3/8-16 x 5/16	VC-86	22303	Plate, Roller Key
VC-41	*G-1207	Cup, Oil, Gits Bros.	VC-87	22590	Spring, Key Plate
VC-42	22681	Pin, L 1/8 P Thru	VC-88	22432	Pin, Key Spring
VC-43	21507	Nut, Hex 3/8-16	VC-89	21839	Lever, Ductor Cam Roller
VC-44	21555	Latch, Fountain - Lt	VC-90	21840	Roller, Cam Lever
VC-45	*H-42960	Washer, Lock Stud Stop	VC-91	*PS-700-2	Bearing, Oilite
VC-46	*H-48070	Screw, Hex Hd Cap	VC-92	21841	Pin, Cam Roller
VC-47	*H-36644	Washer, Lock 1/4 x 3/32 x 3/64	VC-93	*H-34614	Pin, Cam Roller
VC-48			VC-94	*H-54061	Screw, Hex Soc Set
VC-49			VC-95	22648	Key, Roller Lever
VC-50			VC-96	*OS-500	Pin, Spring Rod
VC-51			VC-97	22537	Bearing, Oilite
VC-52			VC-98	22538	Spring, Cam Roller - Outside
VC-53			VC-99	22539	Spring, Cam Roller - Inside
VC-54			VC-100	22340	Handle, Roller
VC-55			VC-101	22341	Stud, Swivel Handle
VC-56			VC-102	22386	Roller, Composition Covered

Always be sure to give serial number of press when ordering parts.

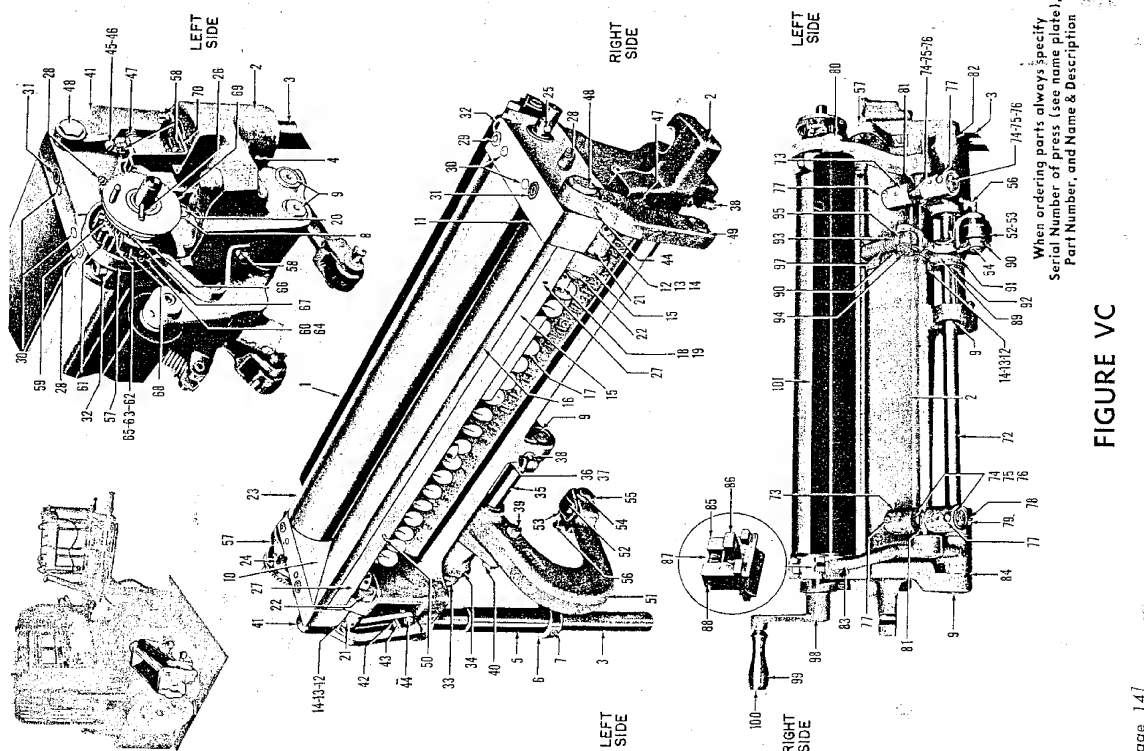


FIGURE VC



# PARTS LIST FOR FORM and INK ROLLERS, and INK TABLE

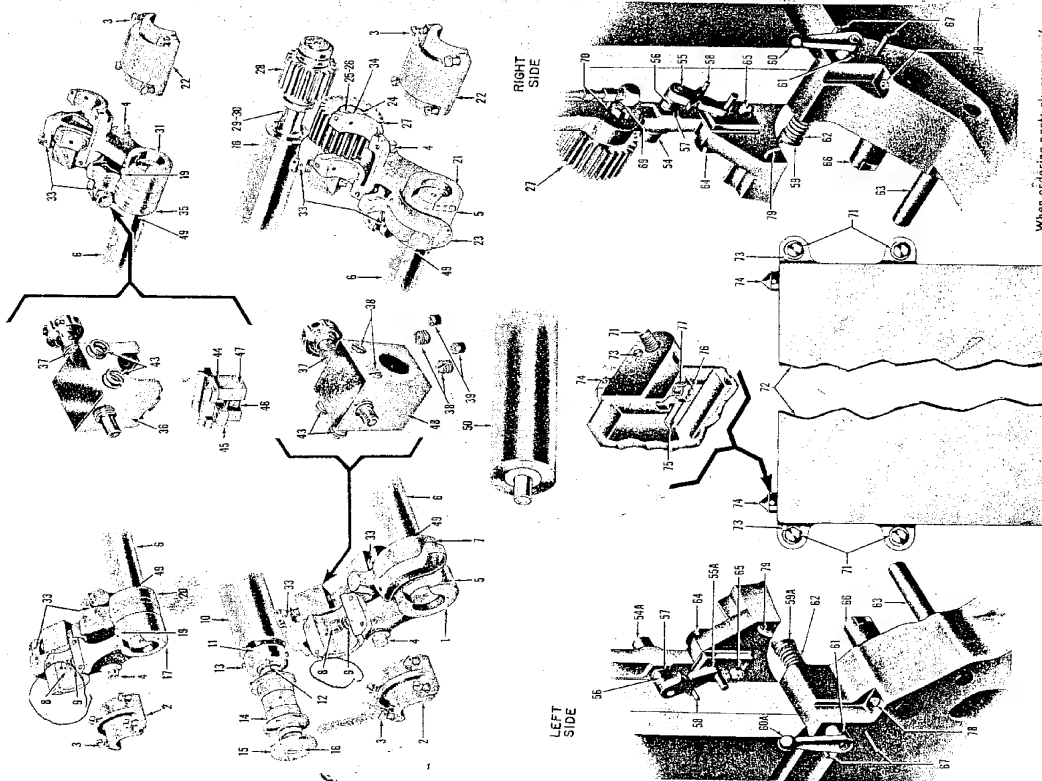
(See Figure VD)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VD-1	22595	Bearing, Ink Table Vib	VD-40		Part Not Listed
VD-2	22597	Cap, Roller Bearing	VD-41		Part Not Listed
VD-3	*H-47895	Cap, Roller Bearing	VD-42	22785	Spring, Roller Box
VD-4	22600	10-24 x 5/8	VD-43	22809	Key, Roller Box
VD-5	TP-76	Stud, Roller Lock	VD-44	22303	Plate, Roller Key
VD-6	TP-77	Stud, Roller Lock	VD-45	22303	Spring, Key Plate
VD-7	22112	Bracket, Roller Support	VD-46	22390	Box, Roller Lock
VD-8	22599	Bracket, Roller Box - Lt	VD-47	22432	Screw, Roller Adjusting
VD-9	22598	Bracket, Roller Box - Rt	VD-48	22178	Screw, Headless Set 1/4-20
VD-10	22577	Collar, Vibrator	VD-49	*H-51694	Plug, Adjusting Screw
VD-11	22576	Collar, Vibrator	VD-50	20392	Part Not Listed
VD-12	DP-26	Pin, Dowel 1/8 x 1/2	VD-51		Part Not Listed
VD-13	TP-79	Pin, Taper #3 x 1-1/2	VD-52	K-11	Key, Woodruff 7/8 x 3/16
VD-14	22579	Nut, Vibrator Roller	VD-53	22586	Part Not Listed
VD-15	22580	Washer, Vibrator Roller	VD-54		Part Not Listed
VD-16	*H-47895	Screw, Flat Hd Mach	VD-55	22602	Stud, Roller Lock Lever - Rt Upper
VD-17	23462	Bearing, Form Vib Roller - Lt	VD-56	TP-108	Pin, Taper #3 x 5/8
VD-18	22597	Part Not Listed	VD-57	23530	Washer, Stud 3/8 x 3/16
VD-19	*H-47895	Cap, Roller Bearing - Lt	VD-58	22602	Stud, Roller Lock Lever - Lt
VD-20	22600	Screw, Flat Hd Mach	VD-59	23409	Lever, Roller Lock - Lt Upper
VD-21	22594	Bracket, Roller Box - Lt	VD-60	22606	Stud, Roller Lock - Lt Lower
VD-22	22596	Bearing, Ink Table Vib	VD-61	22603	Pin, Dowel 3/16 x 1-5/8
VD-23	*H-47895	Cap, Roller Bearing - Rt	VD-62	22601	Stud, Roller Lock - Lt Lower
VD-24	22600	Screw, Flat Hd Mach	VD-63	22603	Pin, Taper #3 x 3/4
VD-25	21901	Bracket, Roller Box - Rt	VD-64	22603	Pin, Taper #3 x 3/4
VD-26	22585	Washer, Gear Stud	VD-65	*H-48090	Screw, Flat Hd Mach
VD-27	DP-3	Pin, Dowel 1/16 x 5/16	VD-66	22607	Stud, Roller Support - Lower
VD-28	22582	Gear, Intermediate Vibrator	VD-67	DP-53	Part Not Listed
VD-29	22583	Gear, Vibrator Roller	VD-68	21714	Stud, Inter Vib Gear - Upper
VD-30	22584	Pin, Dowel 3/32 x 1/2	VD-69	*H-35078	Nut, Hex 1/2-13 Light
VD-31	23461	Bearing, Form Vib Roller - Rt	VD-70	*H-43245	Screw, Hex Hd Cap 3/8-16 x 1
VD-32	22586	Cap, Roller Bearing - Rt	VD-71	21714	Stud, Inter Vib Gear - Upper
VD-33	*H-47895	Screw, Flat Hd Mach	VD-72	*H-35078	Nut, Hex 1/2-13 Light
VD-34	22600	10-24 x 5/8	VD-73	*H-43245	Screw, Hex Hd Cap 3/8-16 x 1
VD-35	21623	Pin, Roller Box	VD-74	22517	Table, Ink
VD-36	21977	Bracket, Roller Box - Rt Upper	VD-75	23594	Pin, Dowel 1/4 x 7/8
VD-37	22577	Bracket, Roller Box - Rt Lower	VD-76	23594	Pin, Dowel 1/4 x 7/8
VD-38	*H-51694	Screw, Headless Set	VD-77	23594	Pin, Dowel 1/4 x 7/8
VD-39	20392	Plug, Adjusting Screw	VD-78	*H-36763	Washer, Lock
			VD-79	*H-54209	Screw, Hex Soc Set 3/8-16 x 3/4
				23599	Pipe, Cylinder Frame Oil

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinist, supply house.  
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.  
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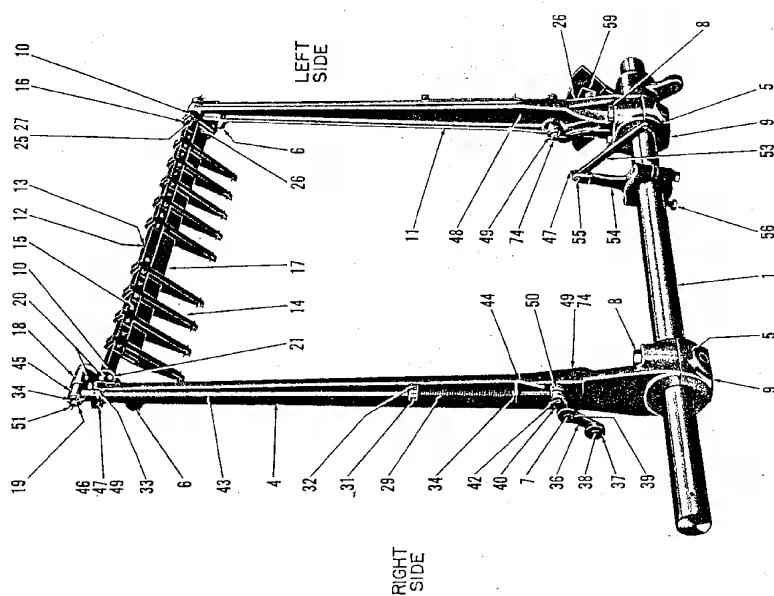
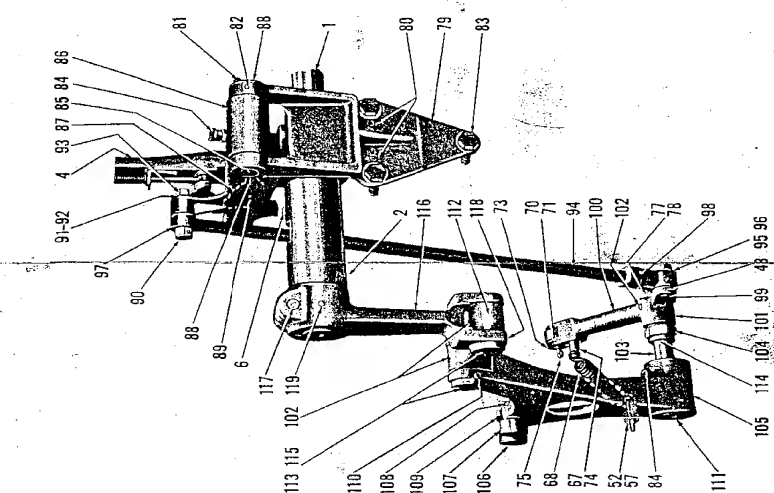
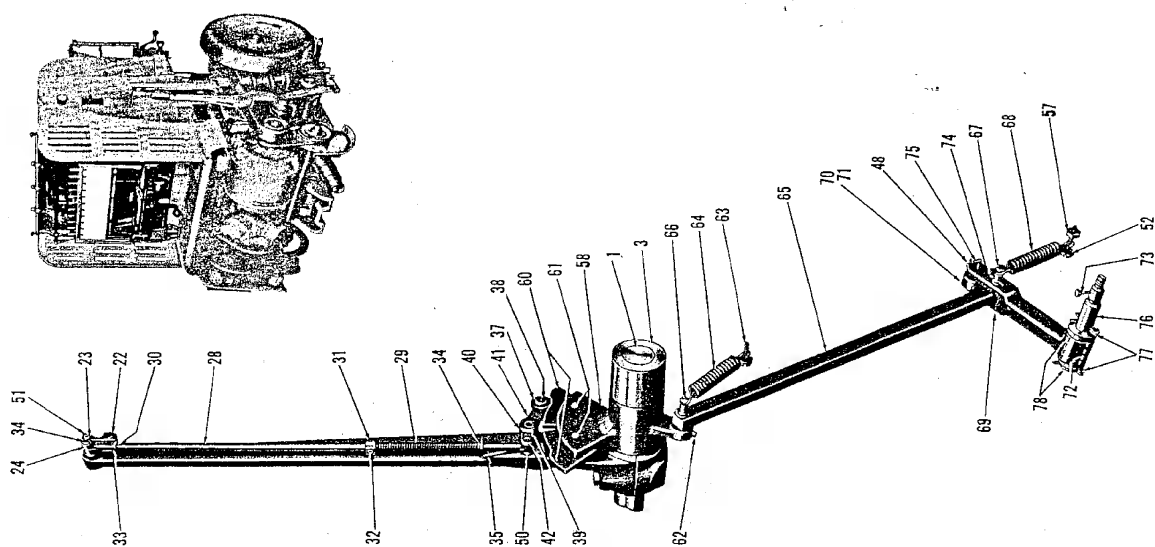
Always be sure to give serial number of press when ordering parts.

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When ordering parts always specify Serial Number of press (see name plate), Part Number, and Name & Description

FIGURE VD



**FIGURE VE**  
(Figure VE continued on page 18)

**When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description**

# PARTS LIST FOR DELIVERY

(See Figure VE)

Figure and Index No.	Part Number	Name and Description
VE-1	21164	Shaft, Delivery Arm
VE-2	21164	Bushing, Delivery Shaft - Rt
VE-3	21702	Bushing, Delivery Shaft - Lt
VE-4	22015	Arm, Delivery Roller
VE-5	22371	Cap, Delivery Arm
VE-6	22438	Stud, Stop
VE-7	22896A	Bushing, Gripper Crank Stud
VE-8	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-9	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-10	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-11	22015	Arm, Delivery Roller
VE-12	22371	Cap, Delivery Arm
VE-13	22371	Stud, Stop
VE-14	22896A	Bushing, Gripper Crank Stud
VE-15	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-16	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-17	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-18	22015	Arm, Delivery Roller
VE-19	22371	Cap, Delivery Arm
VE-20	22371	Stud, Stop
VE-21	22896A	Bushing, Gripper Crank Stud
VE-22	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-23	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-24	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-25	22015	Arm, Delivery Roller
VE-26	22371	Cap, Delivery Arm
VE-27	22371	Stud, Stop
VE-28	22896A	Bushing, Gripper Crank Stud
VE-29	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-30	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-31	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-32	22015	Arm, Delivery Roller
VE-33	22371	Cap, Delivery Arm
VE-34	22371	Stud, Stop
VE-35	22896A	Bushing, Gripper Crank Stud
VE-36	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-37	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-38	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-39	22015	Arm, Delivery Roller
VE-40	22371	Cap, Delivery Arm
VE-41	22371	Stud, Stop

Figure and Index No.	Part Number	Name and Description
VE-37	22724	Roller, Cam Conn Rod
VE-38	22725	Stud, Cam Conn Rod Roller
VE-39	22967	Pin, Gripper Crank
VE-40	TP-92	Pin, Taper #1 x 15/16
VE-41	22966	Cap, Delivery Arm
VE-42	22371	Stud, Stop
VE-43	22896A	Bushing, Gripper Crank Stud
VE-44	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-45	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-46	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-47	22015	Arm, Delivery Roller
VE-48	22371	Cap, Delivery Arm
VE-49	22371	Stud, Stop
VE-50	22896A	Bushing, Gripper Crank Stud
VE-51	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-52	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-53	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-54	22015	Arm, Delivery Roller
VE-55	22371	Cap, Delivery Arm
VE-56	22371	Stud, Stop
VE-57	22896A	Bushing, Gripper Crank Stud
VE-58	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-59	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-60	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-61	22015	Arm, Delivery Roller
VE-62	22371	Cap, Delivery Arm
VE-63	22371	Stud, Stop
VE-64	22896A	Bushing, Gripper Crank Stud
VE-65	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-66	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-67	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-68	22015	Arm, Delivery Roller
VE-69	22371	Cap, Delivery Arm
VE-70	22371	Stud, Stop
VE-71	22896A	Bushing, Gripper Crank Stud
VE-72	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-73	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-74	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-75	22015	Arm, Delivery Roller
VE-76	22371	Cap, Delivery Arm

Figure and Index No.	Part Number	Name and Description
VE-77	H-43618	Pin, Center 1/8 x 1-1/4
VE-78	WR-33	Washer, Finished 49/64 x 1-3/8 x 3/16
VE-79	21142	Stud, Raising Cam Bracket
VE-80	DP-91	Pin, Taper #1 x 15/16
VE-81	H-51348	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-82	H-54061	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-83	H-43495	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-84	G-110	Cover, Oil Hole, Gits Bros Style B
VE-85	21589	Stud, Raising Cam Bracket
VE-86	21114	Bracket, Raising Cam
VE-87	15000-97	Gum, Raising - Upper 1.0025 x 1.5/16
VE-88	H-43240	Stud, Raising Cam Rod
VE-89	21567	Washer, Finished 25/64 x 3/4 x 3/32
VE-90	WR-33	Washer, Lock 3/8 x 1/8 x 1/16
VE-91	H-36556	Nut, Hex Jam 3/8-24
VE-92	H-35546	Nut, Hex Jam 3/8-24
VE-93	21607	Roller, Raising Cam Conn - Rt, Lower
VE-94	21607	Roller, Raising Cam Conn - Rt, Lower
VE-95	0A-747-1	Socket, Connecting Rod - 7545 x 7/8
VE-96	0A-747-2	Bearing, Oilite 15015 x .7545 x 7/8
VE-97	TP-66	Pin, Taper #1 x 1/2
VE-98	21591	Stud, Cam Conn Rod - Lower
VE-99	21171	Lever, Gripper Cam - Rt
VE-100	22684	Roller, Gripper Cam
VE-101	22684	Roller, Gripper Cam
VE-102	H-47875	Pin, Cam Roller
VE-103	H-75135	Screw, Oilite 1750 x .9425 x 1-5/8
VE-104	21818	Pin, Slotted Pipe 1/8 x 1/4
VE-105	21143	Stud, Cam Lever - Rt
VE-106	H-35595	Nut, Hex Jam 1-14
VE-107	21905	Lever, Dal Am Drive Cam
VE-108	23866	Roller, Feeder Cam
VE-109	H-43245	Nut, Hex Jam 1/2-20
VE-110	H-43494	Screw, Hex Hd Cap 3/8-16 x 1/2
VE-111	0A-15128	Bearing, Oilite 1.253 x 1.502 x 1-1/4
VE-112	21506	Rod, Delivery Connecting
VE-113	05-901-3	Bearing, Oilite .752 x .942 x 1-1/4
VE-114	H-75135	Pin, Delivery Cam Rod
VE-115	21641	Spacer, Cam Lever - Rt
VE-116	21325	Pin, Delivery Cam Rod
VE-117	H-31845	Lever, Delivery Cam
VE-118	H-31944	Screw, Slotted Set 3/8-16 x 1/2
VE-119	TP-51	Pin, Taper .45 x 2-1/2

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinist's supply house.  
Primary parts of an assembly will always include those parts which are indented under them in the classified lists.  
All parts listed in italic type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

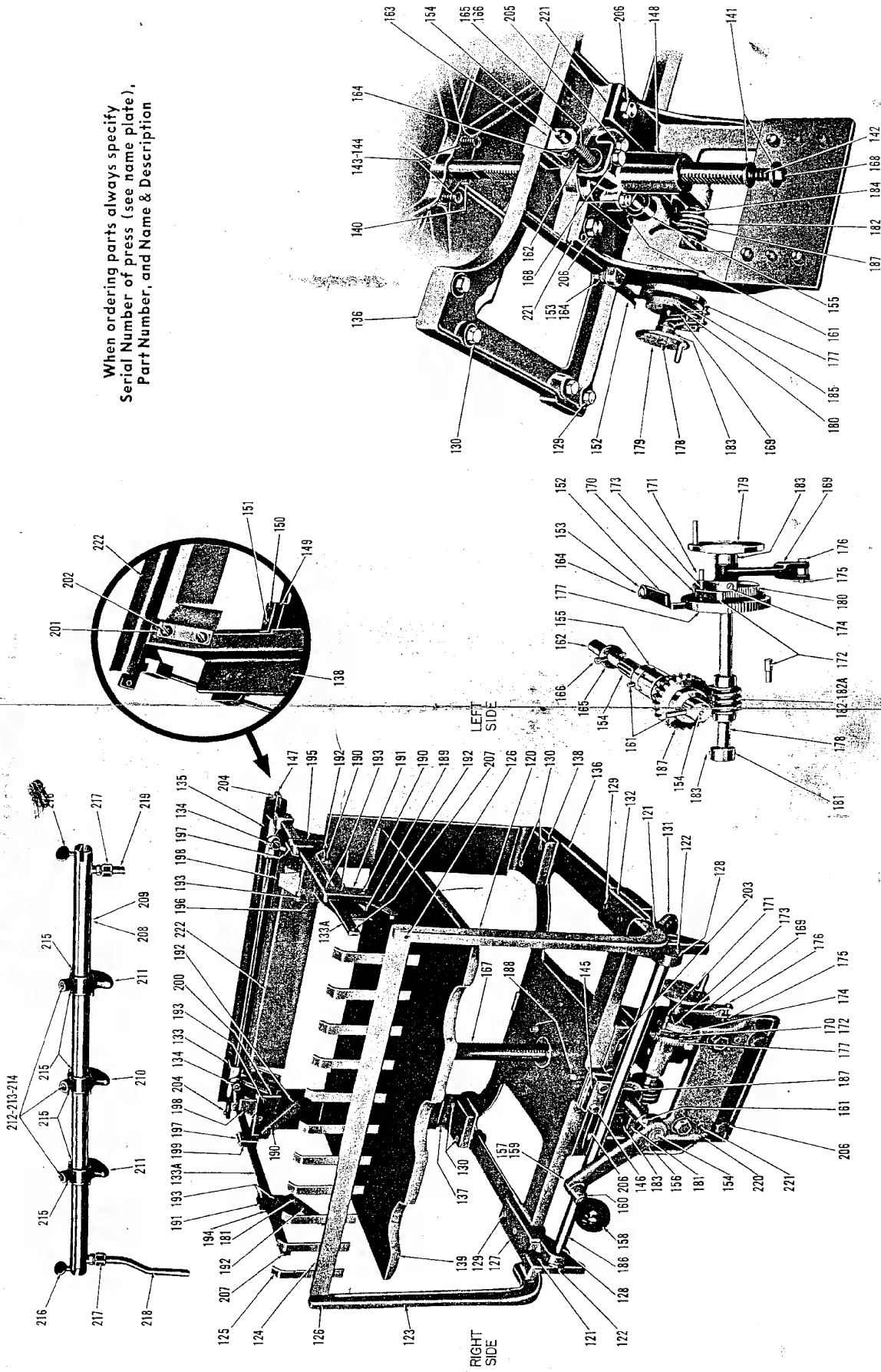


FIGURE VE-Continued

# PARTS LIST FOR DELIVERY, Continued (See Figure VE)

Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description		
		1	2	3			1	2	3			1	2	3
VE-120	21153	Arm, Sheet Stop Finger Bar - Lt			VE-155	22676	Collar, Pile Adj Clutch			VE-194	23889	Wing, Jagger Side - Rt		
VE-121	H-50671	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-156	22679	Crank, Pile Adjusting			VE-195	22499	Stud, Jagger Wing Ext		
VE-122	21154	Pin, Scope 42 x 1-3/8 Rt			VE-157	20303	Stud, Adj Crank Handle			VE-196	22614	Bracket, Side Jagger Wing		
VE-123	21155	Pin, Scope 42 x 1-3/8 Lt			VE-158	H-48154	Handle, Ball MF 2260			VE-197	23895	Extension, Jagger Wing		
VE-124	H-50671	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-159	H-16657	Washer, Finished 21/64 x 1/2 x 1/16			VE-198	23895	Screw, Flat Hd Mach 6-32 x 3/8		
VE-125	21390	Bar, Sheet Stop Finger			VE-160	23895	Washer, Steel 3/8 x 3/8			VE-199	H-49700	Bracket, Rear Jagger - Lt		
VE-126	H-49405	Finger, Sheet Stop			VE-161	23895	Pin, Taper 41 x 7/8			VE-200	21336	Wing, Rear Jagger - Lt		
VE-127	21390	Screw, Flat Hd Mach 10-24 x 1/2			VE-162	22677	Spring, Pile Adj Clutch			VE-201	23894	Stud, Jagger Wing Ext		
VE-128	H-49405	Bracket, Finger Bar Arm - Rt			VE-163	22678	Stop, Spring			VE-202	23895	Plate, Rear Bracket		
VE-129	H-49405	Bracket, Finger Bar Arm - Lt			VE-164	H-50640	Screw, Rd Hd Mach 1/4-20 x 1/2			VE-203	23895	Extension, Jagger Wing 32 x 3/8		
VE-130	H-43265	Screw, Hex Hd Cop 3/8-16 x 1-1/2			VE-165	H-50640	Washer, Steel 3/8 x 3/8			VE-204	H-49700	Screw, Flat Hd Mach 6-32 x 3/8		
VE-131	21728	Spring, Finger Bar Arm			VE-166	H-50640	Bracket, Delivery Table			VE-205	23895	Bracket, Rear Jagger - Rt		
VE-132	H-43270	Bracket, Finger Bar Arm - Lt			VE-167	22683	Rack, Delivery Table			VE-206	21337	Wing, Rear Jagger - Rt		
VE-133	21728	Screw, Hex Hd Cop 3/8-16 x 1-1/2			VE-168	H-43290	Lever, Delivery Ratchet			VE-207	22499	Stud, Jagger Wing Ext		
VE-134	H-50671	Bearing, Oilite 4255 x 753 x 35/64			VE-169	22693	Pin, Power Lifting			VE-208	23894	Plate, Rear Bracket		
VE-135	H-50671	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-170	22693	Stud, Power Lifting			VE-209	23895	Extension, Jagger Wing 32 x 3/8		
VE-136	21802	Bar, Side Jagger			VE-171	22693	Spring, Ratchet Pawl			VE-210	H-49700	Screw, Flat Hd Mach 6-32 x 3/8		
VE-137	21802	Screw, Jagger Bracket			VE-172	H-50690	Screw, Rd Hd Mach 6-32 x 1/4			VE-211	21337	Washer, Steel 3/8 x 3/8		
VE-138	21804	Bracket, Side Jagger - Lt			VE-173	H-45444	Pin, Cotter 3/32 x 1/2			VE-212	21337	Screw, Hex Hd Cop 3/8-16 x 1/4		
VE-139	21804	Bar, Side Jagger			VE-174	22698	Stud, Lever Conn Rod			VE-213	21337	Screw, Hex Hd Cop 3/8-16 x 1/4		
VE-140	21802	Plate, Jagger Bracket			VE-175	22698	Wheel, Delivery Set			VE-214	21337	Screw, Flat Hd Mach 10-24 x 3/16		
VE-141	21802	Guide, Delivery Table - Rt			VE-176	22702	Shaft, Delivery Set			VE-215	H-49700	Assembly, Blow Tube		
VE-142	22093	Table, Delivery			VE-177	22702	Wheel, Fill Adj Hand			VE-216	21337	Tube, Delivery Nozzle		
VE-143	22093	Washer, Steel 3/8 x 3/8			VE-178	22701	Ratchet, Delivery Pile			VE-217	21337	Pin, Dowel 3/8 x 1		
VE-144	H-47885	Screw, Flat Hd Mach 10-24 x 1/2			VE-179	22701	Collar, 1/2 x 7/8 x 1/2			VE-218	21337	Guard, Delivery Sheet		
VE-145	H-47885	Washer, Steel 3/8 x 3/8			VE-180	CR-209	Warm, Pile Adj (paper feed)			VE-219	21337	Pin, Dowel 3/8 x 1		
VE-146	H-43100	Spring, Delivery Table			VE-181	22784	Warm, Pile Adj (card feed)			VE-220	21337	Pin, Dowel 3/8 x 1		
VE-147	22297	Spring, Delivery Table			VE-182	22784	Warm, Pile Adj (card feed)			VE-221	21337	Pin, Dowel 3/8 x 1		
VE-148	H-47885	Screw, Flat Hd Mach 10-24 x 1/2			VE-183	22784	Warm, Pile Adj (card feed)			VE-222	21337	Pin, Dowel 3/8 x 1		
VE-149	H-47885	Screw, Hex Hd Cop 5/16-18 x 1			VE-184	TP-94	Pin, Taper 41 x 7/8							
VE-150	H-47885	Bearing, Worm Gear			VE-185	22660	Pin, Taper 41 x 7/8							
VE-151	H-47885	Screw, Flat Hd Mach 10-24 x 5/8			VE-186	22660	Rod, Stop Finger Bar Arm							
VE-152	22671	Gear, Paper Support			VE-187	22683	Gear, Pile Adj (worm paper feed)							
VE-153	22671	Gear, Paper Support			VE-188	22683	Gear, Pile Adj (worm card feed)							
VE-154	22671	Gib, Delivery Table			VE-189	22688	Wing, Brass Slide - Lt							
	DP-28	Pin, Dowel 1/8 x 5/8			VE-190	22614	Stud, Jagger Wing Ext							
	H-47885	Screw, Flat Hd Mach 10-24 x 5/8			VE-191	22614	Bracket, Side Jagger Wing							
	22671	Spring, Del Set Wheel			VE-192	23895	Extension, Jagger Wing							
	22671	Washer, Finished 17/64 x 5/8 x 1/16			VE-193	H-49200	Screw, Flat Hd Mach 6-32 x 3/8							
	22671	Shaft, Worm Gear												

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All parts listed in *italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

# DRIVE

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

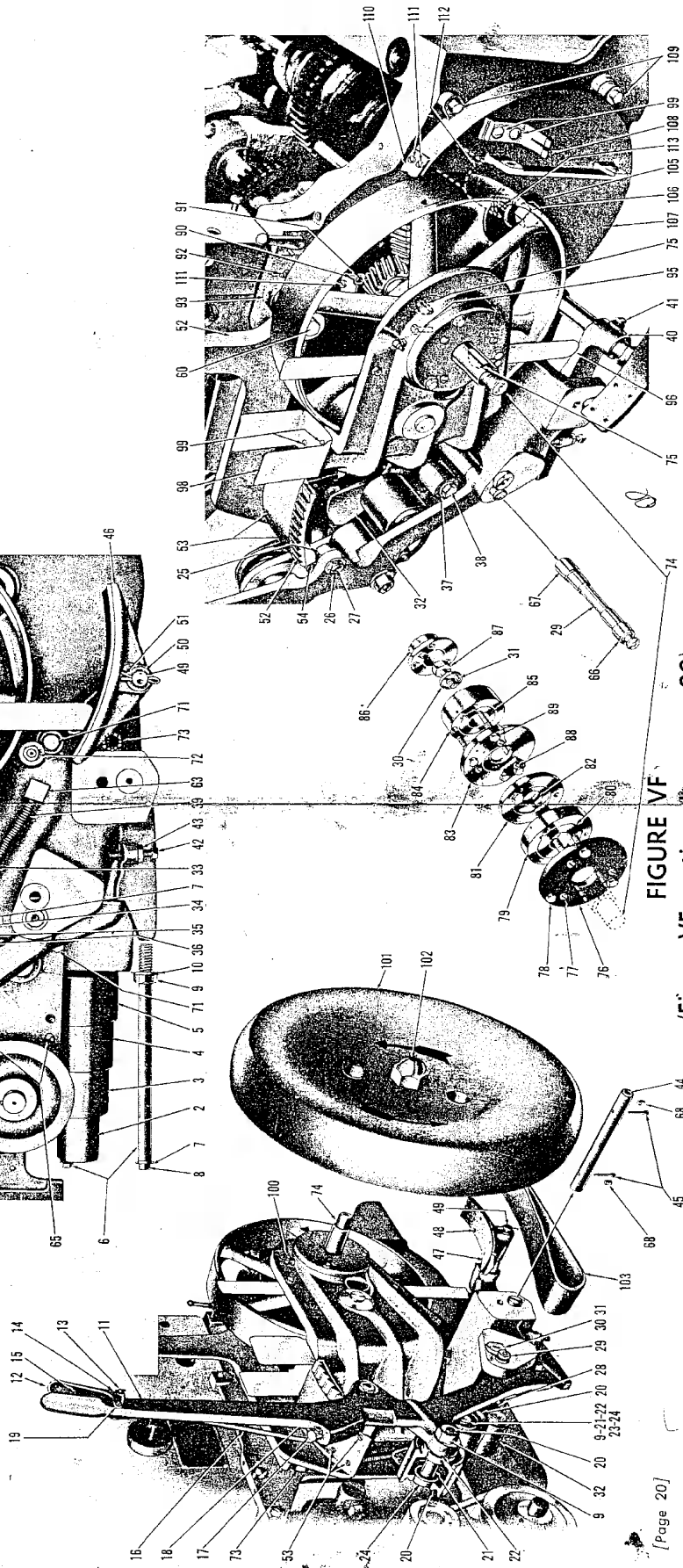
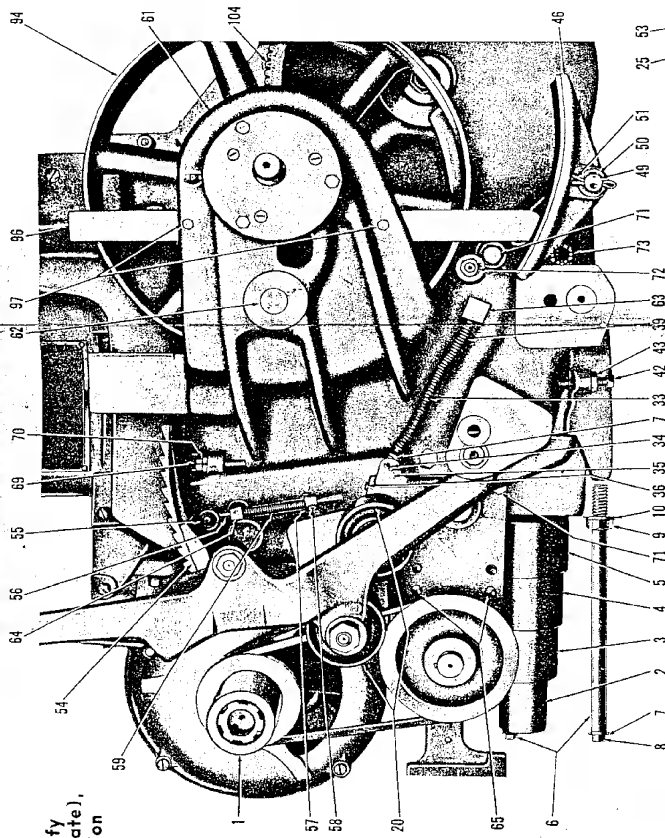


FIGURE VF  
(Figure VF continued on page 22)

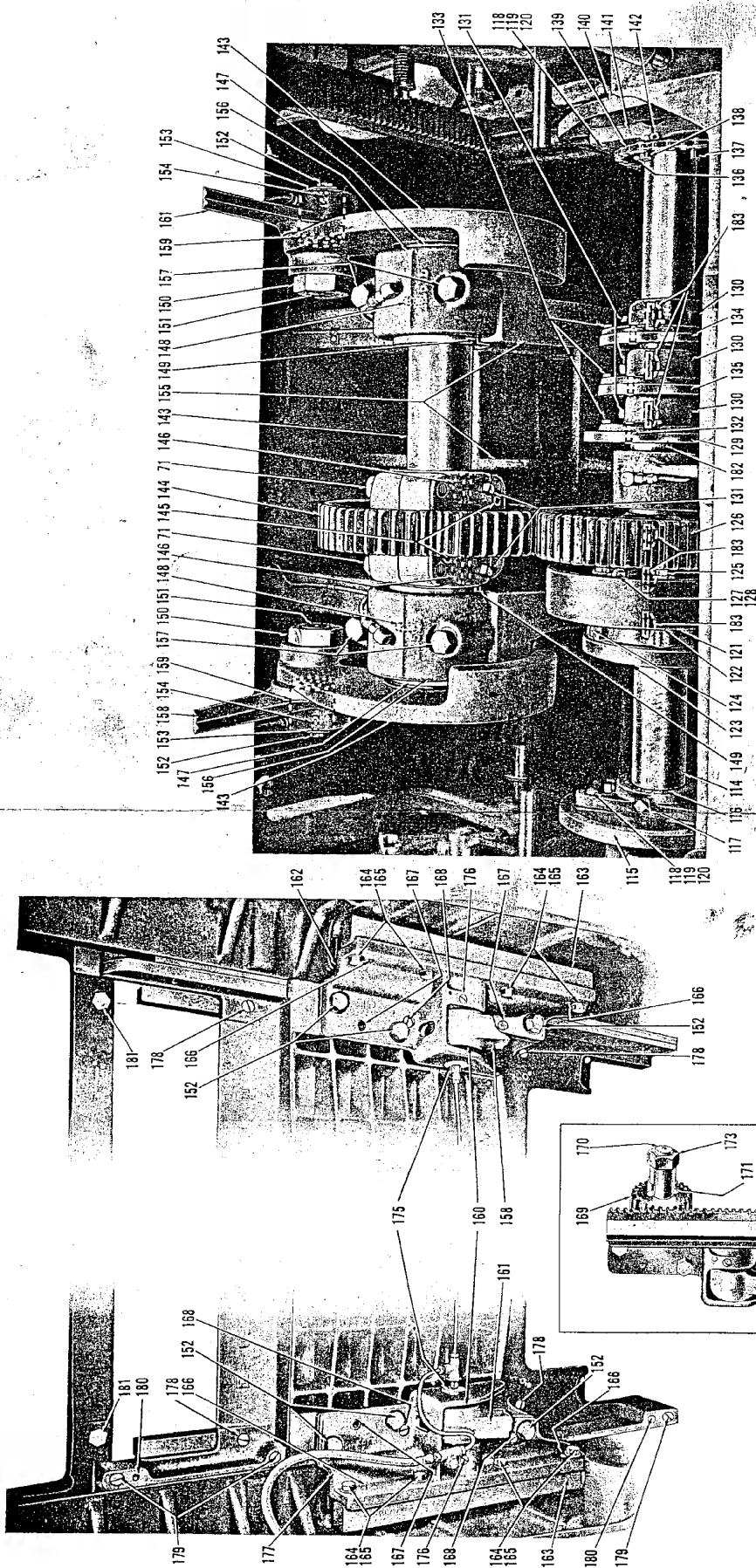
# PARTS LIST FOR DRIVE

(See Figure VF)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VF-1	21272	Pulley, 3.275 Dia (1725 RPM) (3000 IPH)	VF-73	*H-43825	Screw, Hex Hd Cop 5/8-11 x 1-3/4
VF-1A	20212	Pulley, 3.250 Dia (1725 RPM) (3000 IPH)	VF-74	21207	Shaft, Flywheel
VF-2	20216	Pulley, 3.250 Dia (1725 RPM) (3000 IPH)	VF-75	K-21	Key, Woodruff 1-1/4 x 1/4
VF-2A	20217	Pulley, 3.250 Dia (1725 RPM) (3000 IPH)	VF-76	23738	Cover, Bearing Bracket - Outer
VF-3	20212	Pulley, 3.250 Dia (1725 RPM) (3000 IPH)	VF-77	*H-48115	Screw, Fil Hd Mach 1/4-20 x 1-1/2
VF-4	20217	Pulley, 3.250 Dia (1725 RPM) (3000 IPH)	VF-78	23740	Screw, Hex Hd Cop 5/16-18 x 3/4
VF-4A	20228	Pulley, 3.250 Dia (1725 RPM) (3000 IPH)	VF-79	23742	Bearing, Ball, Lub Seal
VF-5	21273	Pulley, 3.250 Dia (1725 RPM) (3000 IPH)	VF-80	306MF	Cover, Bearing Bracket - Inner
VF-5A	20237	Pulley, 3.250 Dia (1725 RPM) (3000 IPH)	VF-81	23743	* Ring, Felt
VF-6	20233	Washer, Finished 25/64 x 3/4 x 3/32	VF-82	23740	Cover, Bearing - Outer
VF-7	*H-44913	Screw, Hex Hd Cop 3/8-24 x 1/2	VF-83	23740	Cover, Bearing - Inner
VF-8	*H-35094	Nut, Hex 5/8-11	VF-84	5062T1A	Cover, Bearing 306T1A
VF-9	21049	Washer, Lock 5/8 x 13/64 x 5/32	VF-85	21275	Cover, Bearing 306T1A
VF-10	21049	Lever, Belt Tightener	VF-86	*H-45069	Screw, Fil Hd Cop 1/2-20 x 1
VF-11	22547	* Handle, Latch	VF-87	*H-48125	Screw, Fil Hd Cop 1/4-20 x 2
VF-12	22547	* Pin, Latch	VF-88	*H-43095	Stracker, Gear Guard
VF-13	*H-31540	* Pin, Cotter 3/32 x 3/8	VF-89	*H-48125	Screw, Fil Hd Cop 5/16-18 x 7/8
VF-14	22550	* Pin, Cotter 3/32 x 3/8	VF-90	*H-48125	Stracker, Gear Guard
VF-15	22550	* Pin, Cotter 3/32 x 3/8	VF-91	*H-48125	Stracker, Gear Guard
VF-16	22550	* Pin, Cotter 3/32 x 3/8	VF-92	*H-48125	Stracker, Gear Guard
VF-17	92348	* Pin, Cotter 3/16 x 1/2	VF-93	*H-48125	Stracker, Gear Guard
VF-18	*H-34504	* Pin, Cotter 3/16 x 1/2	VF-94	*H-48125	Stracker, Gear Guard
VF-19	22609	* Pin, Cotter 3/16 x 1/2	VF-95	*H-48125	Stracker, Gear Guard
VF-20	22609	* Pin, Cotter 3/16 x 1/2	VF-96	*H-48125	Stracker, Gear Guard
VF-21	22701	* Ring, Pulley	VF-97	*H-48125	Stracker, Gear Guard
VF-22	22701	* Ring, Pulley	VF-98	*H-48125	Stracker, Gear Guard
VF-23	22701	* Ring, Pulley	VF-99	*H-48125	Stracker, Gear Guard
VF-24	2033F	* Ring, Pulley	VF-100	*H-48125	Stracker, Gear Guard
VF-25	2033F	* Ring, Pulley	VF-101	*H-48125	Stracker, Gear Guard
VF-26	2033F	* Ring, Pulley	VF-102	*H-48125	Stracker, Gear Guard
VF-27	2033F	* Ring, Pulley	VF-103	*H-48125	Stracker, Gear Guard
VF-28	*H-5074	* Nut, Hex 5/8-11	VF-104	*H-48125	Stracker, Gear Guard
VF-29	21990	* Pin, Belt Lever	VF-105	*H-48125	Stracker, Gear Guard
VF-30	21218	* Pin, Belt Lever	VF-106	*H-48125	Stracker, Gear Guard
VF-31	21218	* Pin, Belt Lever	VF-107	*H-48125	Stracker, Gear Guard
VF-32	21218	* Pin, Belt Lever	VF-108	*H-48125	Stracker, Gear Guard
VF-33	21218	* Pin, Belt Lever	VF-109	*H-48125	Stracker, Gear Guard
VF-34	21218	* Pin, Belt Lever	VF-110	*H-48125	Stracker, Gear Guard
VF-35	*H-34544	* Pin, Cotter 3/32 x 1/2	VF-111	*H-48125	Stracker, Gear Guard
VF-36	*H-75135	* Plug, Slotted Pipe 1/8 x 1/4	VF-112	*H-48125	Stracker, Gear Guard
			VF-113	*H-48125	Stracker, Gear Guard

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Always be sure to give serial number of press when ordering parts.



When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

FIGURE VF-Continued



# PARTS LIST FOR DRIVE, Continued (See Figure VF)

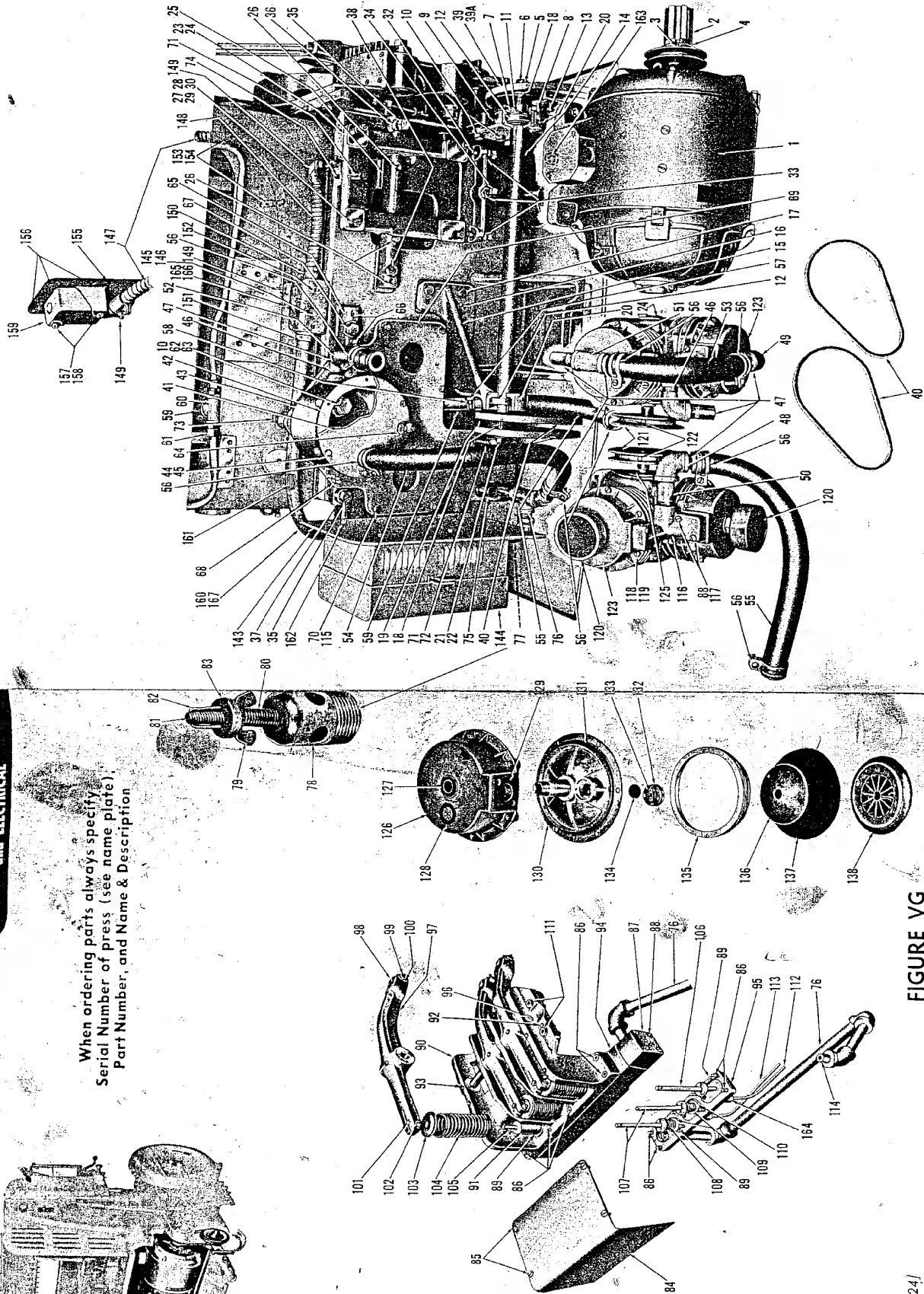
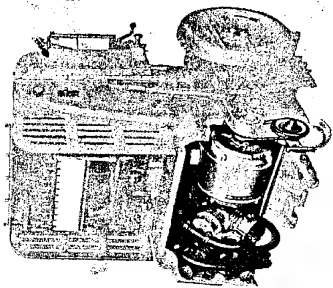
Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description		
		1	2	3			1	2	3
VF-114	21504	Shaft, Cam			VF-136	20095	Sprocket, Oiler Drive Chain		
VF-115	22611	Cam, Del Grip Cam-Lower			VF-137	*H-43287	Screw, Hex Soc Cap 1/4-20 x 1/2		
VF-116	22621	Bearing, Del Grip Cam-Lower, Lt			VF-138	DP-77	Pin, Dowel 1/4 x 1/2		
VF-117	*H-57092	Screw, Sq Hd Set 3/8-16 x 7/8			VF-139	20096	Cam, Del Grip Ring - Lower		
VF-118	*H-40120	Screw, Fill Hd Cap 5/16 x 1/8 x 1/16			VF-140	21137	Bearing, Cam-Lower, Rt		
VF-119	*H-36650	Washer, Lock 5/16 x 1/8 x 1/16			VF-141	20092	Screw, Hex Soc Set 3/8-16 x 5/8		
VF-120	*H-36650	Nut, Hex Jam 5/16-18			VF-142	*H-42001	Screw, Hex Soc Set 3/8-16 x 5/8		
VF-121	21176	Asm, Fender Cam			VF-143	*H-40120	Washer, Lock 5/16 x 1/8 x 1/16		
VF-122	21176	Cam, Follower			VF-144	*H-36650	Nut, Hex Jam 5/16-18		
VF-123	*H-57122	Screw, Sq Hd Set 3/8-16 x 1-1/4			VF-145	*H-36650	Washer, Lock 5/16 x 1/8 x 1/16		
VF-124	*H-43305	Screw, Hex Hd Cap 3/8-16 x 2-1/2			VF-146	22559	Shaft, Crank		
VF-125	*H-43305	Screw, Hex Hd Cap 3/8-16 x 2-1/2			VF-147	22107	Gear, Crank Shaft		
VF-126	*H-43305	Screw, Hex Hd Cap 3/8-16 x 2-1/2			VF-148	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4		
VF-127	*H-43305	Screw, Hex Hd Cap 3/8-16 x 2-1/2			VF-149	*H-36650	Screw, Hex Hd Cap 5/8-11 x 2-1/2		
VF-128	*H-43305	Screw, Hex Hd Cap 3/8-16 x 2-1/2			VF-150	DP-101	Pin, Dowel 5/16 x 1-3/4		
VF-129	*H-35281	Nut, Hex 3/4-16			VF-151	K-6	Key, Woodruff 1/2 x 3/8		
VF-130	22745	Hub, Air Valve Cam			VF-152	21713	Bushing, Del Grip Ring - Lower		
VF-131	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4			VF-153	DP-89	Pin, Dowel 5/16 x 5/8		
VF-132	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8			VF-154	22574	Pin, Dowel 5/16 x 1/2		
VF-133	22954	Cam, Del Grip Cam-Lower			VF-155	22574	Pin, Dowel 5/16 x 1/2		
VF-134	22745	Hub, Air Valve Cam			VF-156	*H-43305	Washer, Lock 5/16 x 1/8 x 1/16		
VF-135	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4			VF-157	WR-216	Washer, Lock 5/16 x 1/8 x 1/16		
VF-136	DP-43	Pin, Dowel 3/16 x 1/2			VF-158	DP-43	Pin, Dowel 3/16 x 1/2		
VF-137	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8			VF-159	21054	Frame, Main		
VF-138	22745	Hub, Air Valve Cam			VF-160	*H-57082	Screw, Hex Hd Cap 5/8-11 x 3		
VF-139	22745	Hub, Air Valve Cam					Rack, Crank Connecting - Rd - Lower		
VF-140	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4					Bushing, Crank Conn Rod - Upper		
VF-141	DP-43	Pin, Dowel 3/16 x 1/2							
VF-142	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-143	22745	Hub, Air Valve Cam							
VF-144	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-145	DP-43	Pin, Dowel 3/16 x 1/2							
VF-146	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-147	22745	Hub, Air Valve Cam							
VF-148	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-149	DP-43	Pin, Dowel 3/16 x 1/2							
VF-150	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-151	22745	Hub, Air Valve Cam							
VF-152	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-153	DP-43	Pin, Dowel 3/16 x 1/2							
VF-154	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-155	22745	Hub, Air Valve Cam							
VF-156	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-157	DP-43	Pin, Dowel 3/16 x 1/2							
VF-158	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-159	22745	Hub, Air Valve Cam							
VF-160	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-161	DP-43	Pin, Dowel 3/16 x 1/2							
VF-162	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-163	22745	Hub, Air Valve Cam							
VF-164	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-165	DP-43	Pin, Dowel 3/16 x 1/2							
VF-166	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-167	22745	Hub, Air Valve Cam							
VF-168	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-169	DP-43	Pin, Dowel 3/16 x 1/2							
VF-170	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-171	22745	Hub, Air Valve Cam							
VF-172	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-173	DP-43	Pin, Dowel 3/16 x 1/2							
VF-174	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-175	22745	Hub, Air Valve Cam							
VF-176	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-177	DP-43	Pin, Dowel 3/16 x 1/2							
VF-178	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-179	22745	Hub, Air Valve Cam							
VF-180	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-181	DP-43	Pin, Dowel 3/16 x 1/2							
VF-182	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-183	22745	Hub, Air Valve Cam							

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinery supply house.  
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Always be sure to give serial number of press when ordering parts.

**PUMPS, AIR VALVE  
and ELECTRICAL**

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description



**FIGURE VG**

# PARTS LIST FOR PUMPS, AIR VALVE and ELECTRICAL

(See Figure VG)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VG-1	21202	Motor, Kibble Electric Co.	VG-47	21295	Nipple, Air Hose	VG-107	22738	Stem, Feeder Air Valve
VG-2	21202	Sheave, Spline (1725 RPM)	VG-48	*H-76544	Elbow, Plain 90° 3/4	VG-108	22747	Spring, Air Release Valve
VG-3	*H-55575	Screw, Hex Hd Set 5/16-24 x 1/2	VG-49	92455	Connector, Vacuum Pump	VG-109	22746	Valve, Section Release
VG-4	21283	Ring, Spline Snap	VG-50	20327	Pin, Dowel 3/8 x 1-1/4	VG-110	*H-34544	Pin, Cotter 3/32 x 1/2
VG-5	20261	Sheave, Pump (1725 RPM)	VG-51	20327	Pin, Dowel 3/8 x 1-1/4	VG-111	21463	Screw, Hex Hd Set 5/16-18 x 7/8
VG-6	*H-54061	Sheave, Pump (1725 RPM)	VG-52	20337	Pin, Dowel 3/8 x 1-1/4	VG-112	21463	Screw, Hex Hd Set 5/16-18 x 7/8
VG-7	21270	Cover, Shaft Bearing	VG-53	20336	Hose, Pump Connecting to Tank	VG-113	21149	Pipe, Transfer Table
VG-8	*H-43100	Screw, Hex Hd Cop 3/16-18 x 1	VG-54	20336	Hose, Vacuum - Tank to Press	VG-114	22752	Nipple, Valve Hose
VG-9	*H-43100	Screw, Hex Hd Cop 3/16-18 x 1	VG-55	92434	Hose, Delivery Blow	VG-115	*H-36650	Washer, Lock 5/16 x 1/8 x 1/16
VG-10	22746	Bracket, Pump Shaft-Rt	VG-56	*H-67708-2WA	Clamp, Hose, 1-1/4 Single Bolt	VG-116	20236	Washer, Lock 1/4 x 1/16 x 1/16
VG-11	306 MF	Bracket, Hex Hd Cop 3/16-18 x 1	VG-57	*EA-17151	Clamp, Appleton Pipe 3/4, 17151	VG-117	*H-36643	Washer, Lock 1/4 x 1/16 x 1/16
VG-12	306 MF	Bracket, Hex Hd Cop 3/16-18 x 1	VG-58	20337	Screw, Rd Hd Mach 5/16-18 x 5/8	VG-118	P-8749	Screw, Air Dome
VG-13	3327	Bearing, Ball Lubri Seal	VG-59	*H-77166	Pin, Dowel 3/8 x 3/4	VG-119	*H-36645	Washer, Lock 1/4 x 3/32 x 1/16
VG-14	20322	Stud, Counting Lever - 373 B-A 21	VG-60	*MP-68-F11	Pin, Dowel 3/8 x 3/4	VG-120	P-8749	Washer, Lock 1/4 x 3/32 x 1/16
VG-15	21072	Bracket, Pump Shaft-Rt	VG-61	WR-56	Connector, Imp Brass 1/200 Tube 3/8 BPT 68F	VG-121	P-8749	Washer, Lock 1/4 x 3/32 x 1/16
VG-16	*H-43495	Screw, Hex Hd Cop 3/16-18 x 1	VG-62	*H-68192	Washer, Finished 33/64 x 1-1/8 x 1/8	VG-122	P-8749	Screw, Sq Hd Set 3/8 x 3/4
VG-17	K-18	Screw, Hex Hd Cop 3/16-18 x 1	VG-63	*H-68150	Gasket, Oil Resist 5/8 x 1-3/8 x 1/8	VG-123	20314	Pump, Air
VG-18	20316	Sheave, Pump Drive	VG-64	21291	Red, Pump Bracket	VG-124	P-4419	Plug, Body without Hole
VG-19	20316	Fitting, Allenie	VG-65	DP-141	Red, Pump Bracket	VG-125	20265	Plug, Body with Hole
VG-20	*H-35261	Nut, Hex 1/2-20 Lt Hand	VG-66	DP-141	Red, Pump Bracket	VG-126	P-8446	Gasket, Rubber Inlet Pipe
VG-21	WR-58	Washer, Finished 33/64 x 1-1/2 x 3/16	VG-67	*H-44836	Bracket, Pump	VG-127	20272	Gasket, Manifold
VG-22	A21201	Assembly, Motor Bracket (1725 RPM)	VG-68	*H-57662	Screw, Hex Hd Cop 5/16-24 x 3/4	VG-128	P-8735	Bridge, Valve
VG-23	21201	Bracket, Motor (1725 RPM)	VG-69	*H-35380	Screw, Sq Hd Set 1/2-13 x 1-3/4	VG-129	P-8735	Gasket, Air Dome
VG-24	DP-137	Pin, Dowel 1/2 x 1-1/4	VG-70	*H-35380	Nut, Hex Jam 1/2-13	VG-130	P-8748	Retainer, Valve Disc
VG-25	*H-48955	Screw, Hex Hd Cop 3/8-24 x 2-1/4	VG-71	*H-35380	Screw, Sq Hd Set 1/2-13 x 1-3/4	VG-131	P-8748	Retainer, Valve Disc
VG-26	*H-35246	Washer, Lock 3/8 x 1/8 x 3/32	VG-72	*H-35380	Screw, Sq Hd Set 1/2-13 x 1-3/4	VG-132	P-8748	Retainer, Valve Disc
VG-27	*H-35246	Washer, Lock 3/8 x 1/8 x 3/32	VG-73	*H-35380	Screw, Sq Hd Set 1/2-13 x 1-3/4	VG-133	P-8748	Retainer, Valve Disc
VG-28	WR-24	Washer, Finished 25/64 x 7/8 x 3/32	VG-74	20327	Pin, Dowel 3/8 x 1-1/4	VG-134	P-8748	Retainer, Valve Disc
VG-29	DP-137	Pin, Dowel 1/2 x 1-1/4	VG-75	20327	Pin, Dowel 3/8 x 1-1/4	VG-135	P-8748	Retainer, Valve Disc
VG-30	*H-35380	Screw, Sq Hd Set 1/2-13 x 2	VG-76	20327	Pin, Dowel 3/8 x 1-1/4	VG-136	P-8748	Retainer, Valve Disc
VG-31	*H-35380	Screw, Sq Hd Set 1/2-13 x 2	VG-77	20327	Pin, Dowel 3/8 x 1-1/4	VG-137	P-8748	Retainer, Valve Disc
VG-32	*H-35380	Screw, Sq Hd Set 1/2-13 x 2	VG-78	20327	Pin, Dowel 3/8 x 1-1/4	VG-138	P-8748	Retainer, Valve Disc
VG-33	*H-35380	Screw, Sq Hd Set 1/2-13 x 2	VG-79	20327	Pin, Dowel 3/8 x 1-1/4	VG-139	P-8748	Retainer, Valve Disc
VG-34	A21224	Assembly, Motor Bracket (1425 RPM)	VG-80	21903	Pin, Dowel 3/8 x 1-1/4	VG-140	P-8748	Retainer, Valve Disc
VG-35	21224	Bracket, Motor Bracket (1425 RPM)	VG-81	22846	Pin, Dowel 3/8 x 1-1/4	VG-141	P-8748	Retainer, Valve Disc
VG-36	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-82	20892	Pin, Dowel 3/8 x 1-1/4	VG-142	P-8748	Retainer, Valve Disc
VG-37	*H-35380	Screw, Sq Hd Set 1/2-13 x 2	VG-83	20892	Pin, Dowel 3/8 x 1-1/4	VG-143	P-8748	Retainer, Valve Disc
VG-38	WR-56	Connector, Motor Bracket (1425 RPM)	VG-84	21934	Pin, Dowel 3/8 x 1-1/4	VG-144	P-8748	Retainer, Valve Disc
VG-39	DP-137	Pin, Dowel 1/2 x 1-1/4	VG-85	*H-43300	Screw, Flat Hd Mach 8-32 x 3/8	VG-145	*EA-4551	Box, Handy Appleton #4551
VG-40	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-86	*H-46289	Screw, Hex Hd Cop 1/4-20 x 3/4	VG-146	*EA-2540	Cover, Handy Box Appleton #2540
VG-41	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-87	22740	Bracket, Pipe	VG-147	20231	Conduit, Push Button
VG-42	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-88	*H-40045	Screw, Fil Hd Cop 1/4-20 x 1-1/2	VG-148	20231	Conduit, Motor
VG-43	WR-56	Connector, Motor Bracket (1425 RPM)	VG-89	DP-49	Screw, Fil Hd Cop 1/4-20 x 1-1/2	VG-149	20231	Conduit, Motor
VG-44	DP-137	Pin, Dowel 1/2 x 1-1/4	VG-90	22131	Bracket, Air Valve Valve Stem	VG-150	*ETB-268	Connector, T&B Str Squeeze #268
VG-45	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-91	23576	Pin, Dowel 3/16 x 7/8	VG-151	*ETB-268	Connector, T&B Str Squeeze #268
VG-46	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-92	DP-73	Pin, Dowel 3/16 x 7/8	VG-152	*H-50452	Connector, B 3/8 x 1/2 x 3/8
VG-47	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-93	*H-51700	Screw, Slotted Set 1/4-20 x 1/4	VG-153	*H-47815	Clip, Jiffy Minirailac 1/2
VG-48	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-94	22748	Seal, Air Valve	VG-154	*H-50860	Screw, Rd Hd Mach 1/4-20 x 1/2
VG-49	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-95	22748	Seal, Air Valve	VG-155	23186	Bracket, Push Button
VG-50	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-96	22748	Seal, Air Valve	VG-156	*H-65099	Screw, Parker Drive 7 x 3/8
VG-51	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-97	22748	Seal, Air Valve	VG-157	*H-51345	Screw, Rd Hd Mach 10-32 x 1/2
VG-52	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-98	22748	Seal, Air Valve	VG-158	*H-35228	Butt, Hex 10-32
VG-53	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-99	22748	Seal, Air Valve	VG-159	20231	Conduit, AC
VG-54	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-100	*H-43548	Pin, Lever Roller	VG-160	20229	Conduit, DC
VG-55	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-101	*H-51944	Screw, Slotted Set 3/8-16 x 1/2	VG-161	*H-96012-54	Wire, #12 x 54 (3)
VG-56	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-102	*H-47900	Screw, Slotted Set 3/8-16 x 1/2	VG-162	*H-96014-78	Screw, Rd Hd Mach 1/4-28 x 3/8
VG-57	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-103	22463	Collar, Valve Spring Guide	VG-163	*H-51455	Washer, #21 Reducing 3/4 to 1/2
VG-58	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-104	22463	Collar, Valve Spring Guide	VG-164	*H-68176	Connector, Imp Brass 5/16 OD Tube #68F
VG-59	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-105	22463	Collar, Valve Spring Guide	VG-165	*H-68176	Connector, Imp Brass #109
VG-60	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-106	22737	Pin, Dowel 3/8 x 3/4	VG-166	*H-68176	Nipple, 1/2 Ch
VG-61	*H-43525	Screw, Hex Hd Cop 1/2-13 x 2	VG-107	22737	Pin, Dowel 3/8 x 3/4	VG-167	*EA-73-T91	Elbow, 3/4 Thin Wall Short 73T 091

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Always be sure to give serial number of press when ordering parts.

# TYPE BED, CYLINDER FRAME and MAIN FRAME

## PARTS LIST FOR TYPE BED, CYLINDER FRAME and MAIN FRAME

(See Figure VH)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VH-1	23091	Frame, Woy	VH-22A	22322	Shim, Cylinder Frame Gib, Narrow, .002
VH-2	23092	Frame, Main	VH-23	23098	Frame, Cylinder
VH-3	23093	Cap, Bearing	VH-24	22108	Bed, Type
VH-4	23094	Cap, Hex Hd Cap	VH-25	22109	Base, Type B/d
VH-5	23095	Plug, Sq Hd Pipe 1/2	VH-26	22110	Base, Type B/d
VH-6	23096	Pipe, Brass Oil	VH-27	22111	Pin, Dowel 1/4 x 5/8
VH-7	23097	Screw, Rd Hd Mach	VH-28	22112	Pin, Dowel 1/4 x 5/8
VH-8	23098	Screw, Rd Hd Cap 7/16-14 x 1	VH-29	22113	Cam, Cylinder Gripper Closing
VH-9	23099	Plate, Name	VH-30	22114	Screw, Fil Hd Cap 5/16-18 x 3/4
VH-10	23100	Plate, Partent	VH-31	22115	Shim, .027
VH-11	23101	Plate, Name	VH-32	22116	Shim, Type Bed
VH-12	23102	Plate, Name	VH-33	22117	Screw, Fil Hd Cap
VH-13	23103	Plate, Name	VH-34	22118	Screw, Fil Hd Cap
VH-14	23104	Screw, Hex Hd Cap	VH-35	22119	Shim, .002
VH-15	23105	Screw, Hex Hd Cap	VH-36	22120	Shim, .003
VH-16	23106	Screw, Hex Hd Cap	VH-37	22121	Lock, Impression Cylinder
VH-17	23107	Pin, Dowel 1/2 x 1	VH-38	22122	Lock, Chase
VH-18	23108	Pin, Dowel 1/2 x 1	VH-39	22123	Pin, Dowel 1/4 x 1
VH-19	23109	Gib, Cylinder Frame - Rt	VH-40	22124	Spring, Chase Lock
VH-20	23110	Gib, Cylinder Frame - Lt	VH-41	22125	Stud, Chase Lock
VH-21	23111	Screw, Hex Sac Cap	VH-42	22126	Screw, Fil Hd Cap
VH-22	23112	Shim, Wide .003	VH-43	22127	Screw, Fil Hd Cap
	23113	Shim, Wide .003	VH-44	22128	Pin, Dowel 3/8 x 7/8
	23114	Shim, Narrow .003		22129	Screw, Fil Hd Cap 3/8-16 x 5/8
	23115	Shim, Narrow .006			

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Primary parts of an assembly will always include those parts which are indented under them in the classified lists.  
All parts listed in *italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

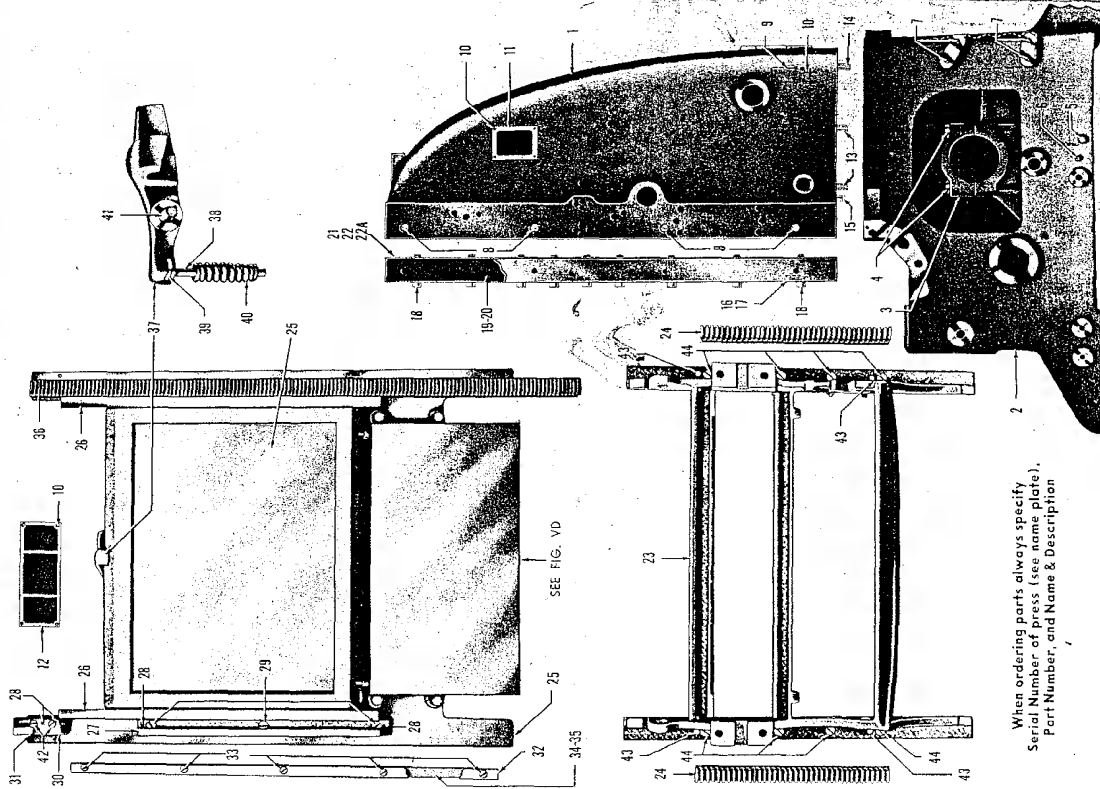


FIGURE VH

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

# PARTS LIST FOR GUARDS

(See Figure VI)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VI-1	21061	Guard, Delivery - Rt	VI-25	*H-36645	Washer, Lock
VI-2	*H-46345	Screw, Hd Hd Cap 3/8-16 x 1	VI-26	*H-35055	Nut, Hex 1/4-20
VI-3	21217	Cover, Motor Guard	VI-27	*H-50875	Screw, Rd Hd Mach 1/4-20 x 3/4
VI-4	*H-50960	Screw, Rd Hd Mach 5/16-18 x 3/8	VI-28	*H-46352	Screw, Hex Soc Cap 3/8-16 x 2
VI-5	21063	Guard, Motor Drive	VI-29	*H-46353	Screw, Hex Soc Cap 3/8-16 x 2
VI-6	21064	Guard, Motor Drive, Lt	VI-30	21059	Cam, Side Guide Lowering and
VI-7	20306	Guard, Drive Shaft	VI-31	21766	Plate, Suction Pipe Clamp
VI-8	20306	Guard, Drive Shaft	VI-32	*H-51336	Screw, Rd Hd Mach 10-32 x 5/16
VI-9	*H-48201	Stud, 1/2 Shakeproof Wing	VI-33	*H-46416	Screw, 1/2 Hex Soc Cap
VI-10	WR-25	Hd 96-CW 7-6	VI-34	DP-141	Pin, Dowel 1/2 x 1-3/4
VI-11	*H-68200	Washer, Finished 1/2 x 1-1/2	VI-35	DP-120	Pin, Dowel 3/8 x 1-3/4
VI-12	*SLW-3502-18	Pin, Shakeproof Cross	VI-36	*H-34548	Pin, Cotter 3/32 x 5/8
VI-12A	20214	96-7-CP	VI-37	20358	Shoe, Vacuum Cylinder
VI-13	*H-43485	Washer, Shakeproof Spring	VI-38	*H-50516	Cover, Oil Hole, Gls Bros.
VI-14	*H-50955	Bar, Flywheel Shaft	VI-39	H-30516	Screw, Rd Hd Mach 10-24HC x 3/4
VI-15	21060	Screw, Hd Hd Cap 1/2-13 x 1	VI-40	H-50675	Screw, Hex Soc Set 10-24HC x 1/4
VI-16	23644	Guard, Cylinder End - Lt	VI-41	H-53830	Screw, Hex Soc Set 10-24HC x 1/4
VI-17	21604	Cam, Slip Lever	VI-42	20359	Screw, Vacuum Cylinder Shoe
VI-18	DP-79	Pin, Dowel 1/4 x 1-1/2	VI-43	H-50860	Screw, Rd Hd Mach 1/4-20 x 1/2
VI-19	*H-50490	Screw, Rd Hd Mach 6-32 x 1/4	VI-44	H-36643	Washer, Lock
VI-20	22377	Pin, Guard Hinge	VI-45	20362	Shim, Brass, Cylinder
VI-21	22097	Guard, Feeder - Lt	VI-46	20367	Vacuum Shoe
VI-22	*H-47865	Guard, Feeder - Rt			Pin, Cylinder Vacuum Shoe Spring
VI-23	21018	Guard, Feeder and Delivery Cam			
VI-24	29457	Cover, Cam Guard			

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Always be sure to give serial number of press when ordering parts.

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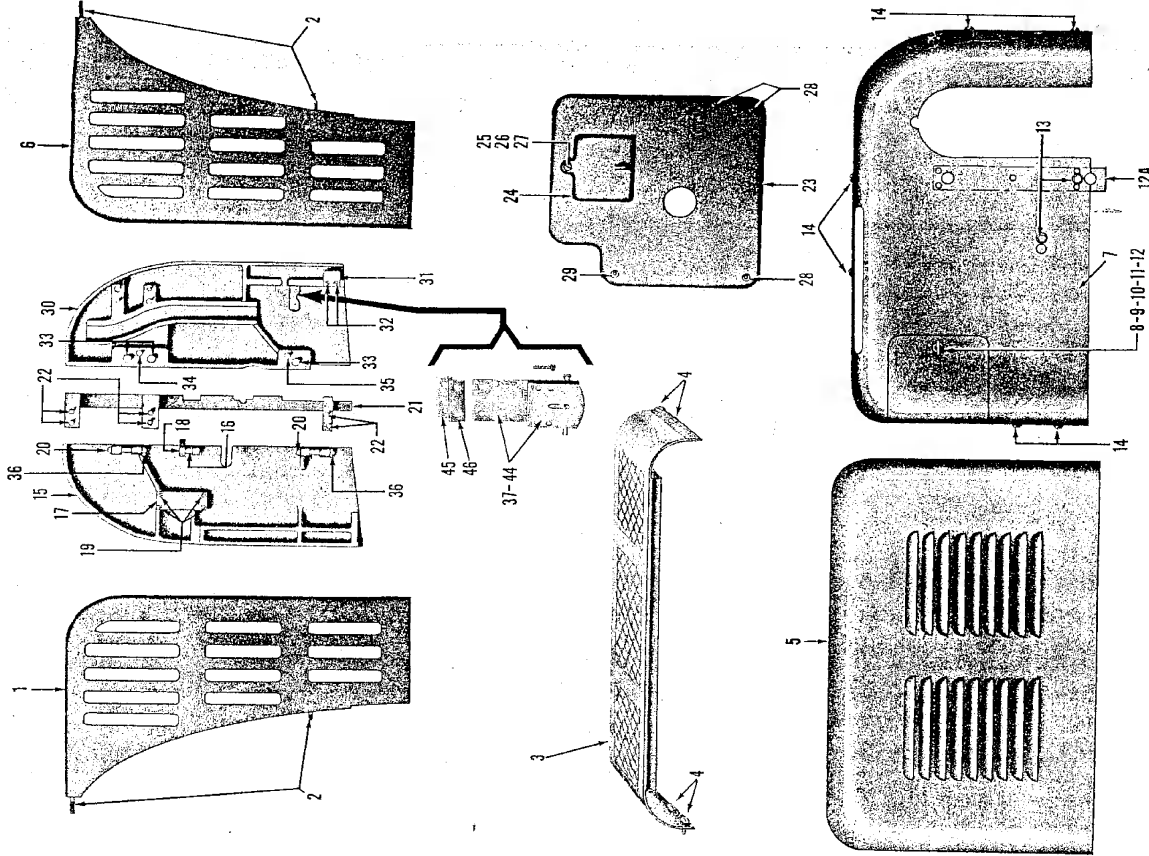
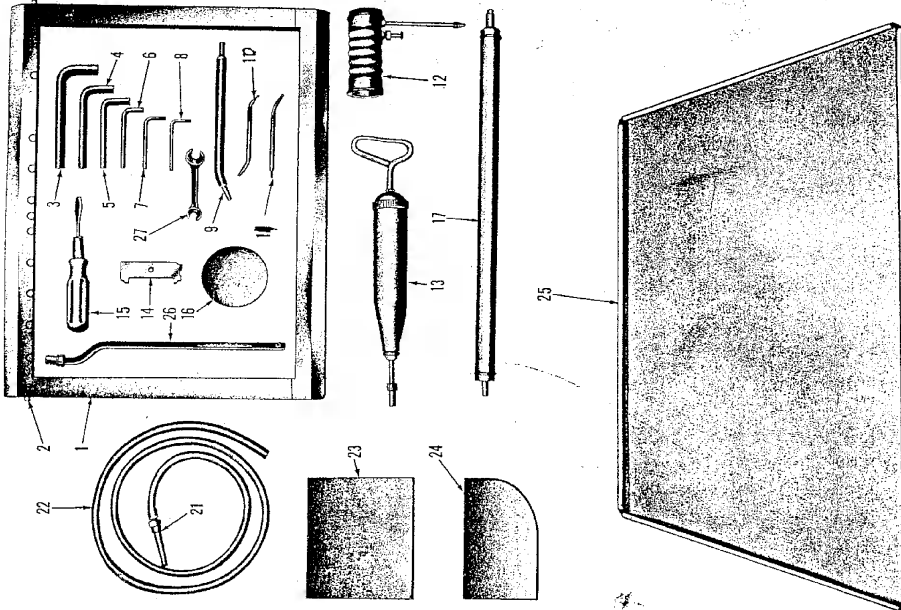


FIGURE VI

TOOLS and MISCELLANEOUS PARTS



When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

FIGURE VJ

GUARDS

PARTS LIST FOR TOOLS and MISCELLANEOUS PARTS

(See Figure VJ)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VJ-1	21001	Chose, Type Bad	VJ-16	BB-4223	Disc, Oil Pump Filler
VJ-2	22116	Wrench for 5/8 Hex Socket Screw	VJ-17	22586	Felt B 4223
VJ-3	*H-70010	Wrench for 3/8 Hex Socket Screw	VJ-18		Felt Composition Covered
VJ-4	*H-70009	Wrench for 3/8 Hex Socket Screw	VJ-19		Part Not Listed
VJ-5	*H-70007	Wrench for 5/16 Hex Socket Screw	VJ-20		Part Not Listed
VJ-6	*H-70005	Wrench for 10-32 Hex Socket Screw	VJ-21	21767	Plug, Blower Tube Shut-off
VJ-7	*H-70006	Wrench for 1/4 Hex Socket Screw	VJ-22	23881	Tube, Feeder Post Blower
VJ-8	*H-70008	Wrench, Pin 5/16 x 3/16	VJ-23	23882	Pad, Press Rest - Rear
VJ-9	22140	Wrench, Pin 1/8 x 3/16	VJ-24	21350	Pad, Oil Drain
VJ-10	22478	Wrench, Pin 1/8 x 3/16	VJ-25	20351	Wrench, Oil Drain
VJ-11	*H-67990	Gun, Hydraulic Auto Type Grease	VJ-26	*H-70144	Wrench, Pump Screw
VJ-12	*Z-65562	Wrench, Pump	VJ-27		(3/8 x 7/16 openings) #723
VJ-13	20313	Screwdriver, 4"			
VJ-14					
VJ-15	*H-68556				

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Primary parts of an assembly will always include those parts which are indented under them in the classified lists. All parts listed in *italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

# PARTS LIST FOR AUTOMATIC LUBRICATION SYSTEM

(See Figure VK)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VK-1	BD-2232	Unit, Lubrication Pump	VK-35	*H-40085	Screw, Fill Hd Mach 1/4-20 x 5/8
VK-2	BD-2214	Reservoir, Oil	VK-36	*H-40085	Screw, Rd Hd Mach 10-24 x 3/8
VK-3	BB-1061	Sleeve, Compression	VK-37	20-200	Nut, Locking
VK-4	BB-1371	Bushing, Compression	VK-38	*H-35274	Nut, Locking
VK-5	BB-1371	Bushing, Compression	VK-39	*H-36678	Washer, Lock 5/8 x 13/64 x 5/32
VK-6	BA-2435	Unit, Metering, FSA 0	VK-40	20-204	Sprocket, Oil Pump
VK-7	BB-1095	Unit, Metering, FSA 0	VK-41	*H-54062	Screw, Hex Soc Set
VK-8	BB-1083	Unit, Metering, FSA 0	VK-42	20-201	Bracket, Pump Adjusting
VK-9	BA-2768	Unit, Metering, FSA 0	VK-43	*H-54061	Screw, Hex Socket Set
VK-10	BB-1071	Unit, Metering, FSA 1	VK-44	*H-46319	Screw, Hex Socket Cap
VK-11	BB-1084	Unit, Metering, FSA 1	VK-45	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-12	BB-1084	Unit, Metering, FSA 1	VK-46	BP-20	Pipe, Brass 5/32 x 8 1/2
VK-13	BB-1530	Unit, Metering, FSA 1	VK-47	BP-70	Pipe, Brass 5/32 x 3/4
VK-14	BB-3262	Unit, Metering, FSA 1	VK-48	BP-70	Pipe, Brass 5/32 x 3/4
VK-15	BB-4190	Unit, Metering, FSA 1	VK-49	BP-83	Pipe, Brass 5/32 x 10 5/8
VK-16	BB-4191	Unit, Metering, FSA 1	VK-50	BP-83	Pipe, Brass 5/32 x 10 5/8
VK-17	BB-4192	Unit, Metering, FSA 1	VK-51	BP-90	Pipe, Brass 5/32 x 11 1/4
VK-18	BB-3288	Unit, Metering, FSA 1	VK-52	BP-100	Pipe, Brass 5/32 x 12 1/2
VK-19	BB-1098	Unit, Metering, FSA 1	VK-53	BP-107	Pipe, Brass 5/32 x 12 1/2
VK-20	BA-2835	Unit, Metering, FSA 1	VK-54	BP-114	Pipe, Brass 5/32 x 14 1/4
VK-21	BB-1077	Unit, Metering, FSA 1	VK-55	BP-114	Pipe, Brass 5/32 x 14 1/4
VK-22	BB-4095	Unit, Metering, FSA 1	VK-56	BP-122	Pipe, Brass 5/32 x 17 1/2
VK-23	BB-4179	Unit, Metering, FSA 1	VK-57	BP-122	Pipe, Brass 5/32 x 17 1/2
VK-24	BB-1106	Unit, Metering, FSA 1	VK-58	BP-148	Pipe, Brass 5/32 x 19 1/2
VK-25	BB-1620	Unit, Metering, FSA 1	VK-59	BP-154	Pipe, Brass 5/32 x 21 1/4
VK-26	BB-3608	Unit, Metering, FSA 1	VK-60	BP-174	Pipe, Brass 5/32 x 23
VK-27	BB-3608	Unit, Metering, FSA 1	VK-61	BP-184	Pipe, Brass 5/32 x 23
VK-28	BB-3608	Unit, Metering, FSA 1	VK-62	BP-192	Pipe, Brass 5/32 x 26 1/2
VK-29	BB-3608	Unit, Metering, FSA 1	VK-63	BP-222	Pipe, Brass 5/32 x 28 1/4
VK-30	*H-42995	Unit, Metering, FSA 1	VK-64	BP-234	Pipe, Brass 5/32 x 28 1/4
VK-31	*H-45135	Unit, Metering, FSA 1	VK-65	BP-348	Pipe, Brass 5/32 x 43 1/2
VK-32	*H-42975	Unit, Metering, FSA 1			
VK-33	*H-35228	Unit, Metering, FSA 1			
VK-34					

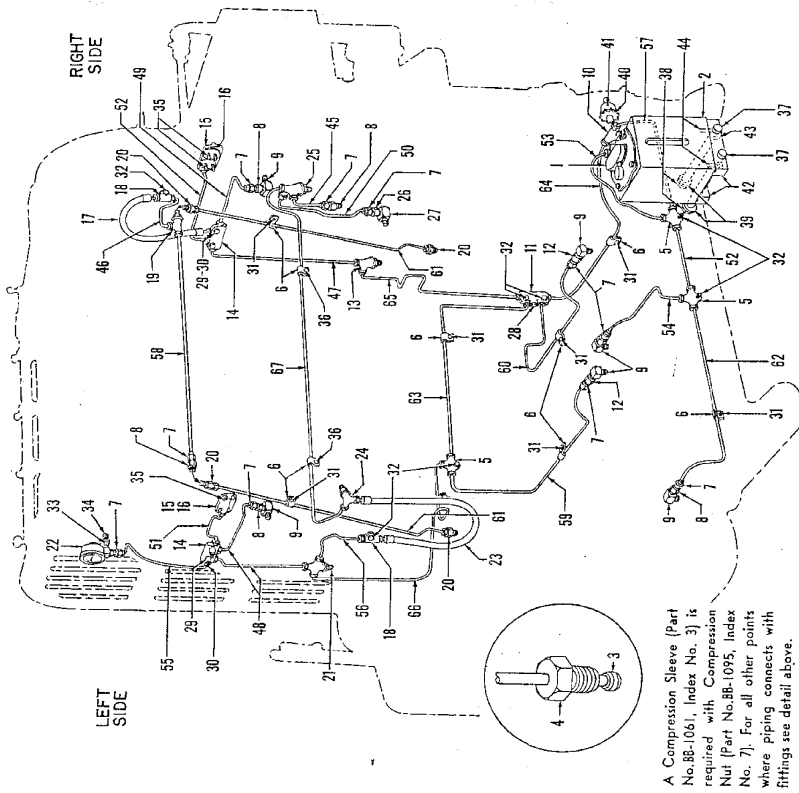


FIGURE VK

Always be sure to give serial number of press when ordering parts.





# NUMERICAL PARTS LIST

Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key
BA-2435	VK-6	DP-69	VB-118	P-8708	VG-136	WR-36	VA-261	20272	VG-129	21171	VE-100
BA-2768	VK-9		VH-28	P-8720	VG-121		VE-141	20276	VB-62	21174	VC-83
BA-2835	VK-20	DP-71	VB-55	P-8735	VG-130	WR-54	VA-32	20277	VB-61	21175	VC-80
BB-1061	VK-3	DP-73	VB-243	P-8748	VG-131		VB-221	20284	VB-305	A21176	VF-121
BB-1071	VK-10		VD-73	P-8749	VG-118	WR-56	VA-291	20288	VG-82	21176	VF-122
BB-1077	VK-21		VG-92	P-8765	VG-137		VE-165	20289	VG-77	21189	VF-40
BB-1083	VK-8	DP-78	VA-348	SP-C-44	VH-40		VG-30A	20291	VB-9	A21201	VG-23
BB-1084	VK-12		VB-135	SP-C-45	VB-92		VG-62	20292	VB-8	21201	VG-24
BB-1095	VK-7	DP-79	VI-18	TP-51	VA-60	WR-58	VG-22	20300	VB-83	21202	VG-2
BB-1098	VK-19	DP-80	VA-285		VA-288	WR-65	VF-50	20301	VB-89	21203	VG-143
BB-1106	VK-24	DP-89	VF-148		VC-4	WR-78	VA-271	20302	VB-90	21207	VF-74
BB-1371	VK-4	DP-91	VE-80		VE-119		VE-78	20303	VA-264	21208	VG-9
BB-1530	VK-13	DP-95	VF-55	TP-54	VB-240	WR-83	VA-327		VF-26	21209	VF-101
BB-1620	VK-26	DP-101	VF-145	TP-55	VB-211		VF-105		VE-157	A21211	VE-12
BB-2488	VK-28	DP-103	VB-340	TP-64	VC-79	WR-90	VB-291	20306	VI-8	21211	VE-13
BB-3065	VK-5	DP-105	VA-341	TP-66	VE-98	WR-212	VF-30	20312	VH-26	21217	VI-3
BB-3262	VK-14	DP-110	VA-149	TP-76	VD-5	WR-216	VF-153	20313	VJ-14	21218	VF-32
BB-3263	VK-11	DP-112	VB-205	TP-77	VA-126	X-CS-1026	VA-103	20314	VG-123	A21224	VG-23A
BB-3288	VK-18		VH-43		VD-19	O11E	VB-97	20316	VG-19	21224	VG-24A
BB-3507	VK-23	DP-114	VA-89	TP-78	VB-214	2025FF	VB-85	20322	VG-14	21226	VG-2A
BB-3608	VK-27		VA-332	TP-79	VD-13	2035F	VF-24	20323	VG-40	21227	VG-43
BB-4129	VK-25		VE-221	TP-80	VA-269	3015F	VB-174	20324	VG-39	21231	VB-5
BB-4190	VK-15		VF-166		VB-88	306MF	VF-80	20325	VG-39A	21238	VG-69
BB-4191	VK-16		VF-180	TP-81	VE-161		VG-12	20326	VG-54	21242	VG-112
BB-4196	VK-17		VG-16		VA-110	1974	VB-127	20327	VG-59	21252	VA-238
BB-4223	VJ-16	DP-115	VA-12		VB-169	2040	VB-192	20328	VG-75	21257	VF-84
BB-4895	VK-22		VE-9	TP-85	VB-235	2128	VB-193	20329	VG-51	21259	VB-289
BD-2214	VK-2	DP-118	VA-339		VA-297	2888A	VB-161B	20330	VE-218	21260	VB-77
BD-2232	VK-1	DP-120	VI-35	TP-87	VE-122	3527	VG-13	20335	VE-210	21261	VB-53
CR-14	VB-129	DP-123	VA-340	TP-90	VA-351	3528	VB-161D	20336	VG-53	21270	VG-7
CR-17	VG-36	DP-126	VC-30	TP-91	VB-301	4076	VA-21	20337	VG-52	21271	VG-25
CR-27	VG-37	DP-135	VF-167	TP-92	VA-128	4100A	VB-10	20351	VJ-26	21272	VF-1
CR-102	VE-31		VH-15		VE-40	4500	VC-22	20353	VH-38	21273	VF-3A
	VF-57	DP-137	VA-236	TP-93	VE-183	5606T1A	VF-85	20358	VI-37		VF-5
CR-123	VC-36		VF-65	TP-94	VE-184	5945	VF-25	20359	VI-42	21275	VF-86
CR-145	VC-6		VG-26		VB-303	5955A	VB-343	20362	VI-45	21283	VG-4
CR-201	VA-26		VG-31	TP-100	VE-185			20363	VB-141	21285	VF-33
CR-209	VE-181	DP-141	VA-325	TP-101	VA-48	20200	VK-37	20367	VI-46	21286	VE-76
CR-212	VB-234		VG-66	TP-102	VB-287	20201	VK-42	20389	VA-98D	21291	VG-65
DP-3	VA-165		VG-68		VA-40	20202	VF-141	20394	VC-16	21295	VG-47
	VD-26	DP-191	VF-62	TP-103	VA-213	20204	VK-40	21000	VA-118	21299	VE-214
DP-13	VA-200	H-30304	VB-123	TP-104	VB-168	20205	VF-136	21001	VJ-1	21302	VC-13
DP-15	VA-87	H-43877	VF-157		VA-227	20206	VF-139	21010	VA-141	21314	VB-99
	VA-201		VH-4	TP-106	VA-157	20207	VF-54	21011	VA-331	21315	VB-297
	VD-30	H-50501	VB-80		VB-178	20211	VF-16	21015	VA-316	21331	VC-18
DP-19	VA-202	H-50671	VE-121		VA-155	20212	VF-1A	21018	VI-23	21337	VE-200
	VG-105	H-50861	VA-54	TP-108	VA-212		VF-3	21021	VC-2	21338	VE-196
DP-22	VB-173	H-50871	VA-127		VD-61	20213	VF-44	21022	VC-15	21345	VH-32
	VB-254		VB-16	TP-109	VA-47	20214	VI-12A	21023	VE-220	21350	VJ-25
DP-25	VB-286	H-50881	VE-63		VD-56	20216	VF-2	21030	VB-256	21352	VA-35
	VF-31	H-50881P	VA-185	TP-110	VB-298	20217	VF-2A	21047	VF-61	21353	VA-36
DP-26	VD-12	H-66838P	VB-284	TP-116	VA-303		VF-4	21048	VF-52	21364	VB-307
DP-27	VA-199		VE-216		VB-75	20218	VF-107	21049	VF-11	21386	VB-21
DP-28	VE-150	H-66976P	VE-216		VE-20	20223	VF-6	21054	VF-155	21387	VA-276A
DP-29	VB-280	K-E	VA-328	TP-117	VE-24	20226	VA-6		VH-2		VE-187A
DP-32	VA-64		VF-113	TP-118	VE-33	20227	VG-76	21059	VI-30	21388	VE-182A
	VC-68		VF-183	TP-119	VA-30	20228	VG-148	21060	VI-15		VE-182A
DP-36	VB-74	K-G	VF-146		VB-293	20229	VG-106A	21061	VI-1	21390	VE-124
DP-40	VB-190	K-6	VC-24	VC-22	VB-76	20230	VG-160	21062	VI-6	21393	VA-278
	VF-171	K-11	VD-49	WR-3	VA-198	20231	VG-147	21063	VI-5	21394	VA-279
DP-41	VB-110	K-15	VB-120	WR-6	VA-169	20235	VG-25A	21064	VI-7	21405	VB-148
	VE-26	K-18	VG-18		VB-94	20237	VF-5A	21072	VG-15	21406	VB-150
DP-43	VB-22	K-21	VF-75	WR-7	VB-106	20238	VF-4A	21113	VE-116	21438	VB-152
	VC-27	MD-407R	VF-39	WR-13	VA-55	20239	VF-103	21133	VC-33	21471	VB-48
	VF-132	MD-521	VB-24		VE-153	20240	VC-98	21134	VE-86	21504	VF-114
	VF-154	N-42	VH-9			20248	VB-310	21137	VF-140	21505	VE-106
DP-46	VB-181	N-44	VH-12	WR-21	VA-266	20249	VB-302	21140	VA-129	21506	VE-112
	VB-184	N-50	VH-11		VE-159	20250	VB-304	21141	VA-137	21507	VC-41
DP-47	VB-232	P-4419	VG-125	WR-23	VB-271	20251	VB-300	21142	VE-79	21508	VC-49
DP-49	VG-89	P-4420	VG-124		VB-299	20252	VB-311	21143	VE-105	21509	VC-20
DP-52	VB-23	P-8124	VG-134	WR-24	VA-29	20254	VG-5A	21149	VG-113	21510	VC-21
DP-53	VA-216	P-8425	VG-128		VE-34	20256	VG-116	21153	VG-120	21512	VC-10
	VD-67	P-8446	VG-127	WR-25	VI-10	20259	VA-254	21154	VE-123	21513	VC-11
DP-56	VD-58	P-8449	VG-133	WR-33	VC-19	20261	VG-5	21160	VE-58	21515	VC-70
DP-59	VG-25	P-8356	VG-132		VE-49	20265	VG-126	21162	VB-342	21525	VE-115
DP-61	VC-26	P-8469	VG-122		VE-91	20267	VG-41	21164	VE-1	21526	VE-337
DP-67	VA-231	P-8704	VG-135	WR-34	VF-7	20268	VG-42	21165	VB-142	21528	VB-330
	VF-138	P-8707	VG-138		VG-30	20271	VG-120				

# NUMERICAL PARTS LIST, Continued

Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key
21530	VB-334	21727	VH-30	22017	VE-136	22414	VB-313	22603	VD-59	22751	VG-99
21531	VB-335	21728	VE-132	22026	VA-166	22421	VB-282	22604	VD-62	22752	VA-113
21532	VB-336	21729	VE-131	22027	VA-158	22422	VB-294	22605	VD-63		VG-114
21533	VB-136	21730	VB-108	22061	VA-119	22423	VA-170	22606	VD-64	22755	VB-42
21539	VB-241	21731	VA-191	22062	VA-120	22424	VA-159	22607	VD-66	22756	VB-35
21540	VB-246	21734R	VA-98B	22067	VF-104	22425	VA-171	22608	VE-145	22760	VB-43
21542	VB-237	21735	VK-29	22076	VA-334	22430	VB-250	22612	VE-147	22761	VB-112
21543	VB-242	21751	VE-222	22088	VB-187	22433	VB-45	22614	VE-191	22762	VA-161
21546	VB-244	21753	VA-192	22092	VE-137	22434	VB-47	22621	VF-116	22764	VA-249
21548	VB-84	21762	VA-130	22093	VE-138	22437	VA-106	22622	VE-148	22767	VA-77
21550	VB-100	21765	VB-71	22096	VE-139	22438	VA-5	22623	VE-69	22768	VA-79
21554	VC-57	21766	VI-31	22100	VF-163		VA-143	22624	VE-125	22769	VA-80
21555	VC-42	21767	VJ-21	22107	VF-144		VB-86	22630	VC-23	22772	VB-161A
21556	VC-43	21768	VA-95	22108	VH-24		VB-154	22633	VC-17		VB-306
21557	VC-47	21769	VA-94	22111	VD-23		VC-12	22637	VC-3	22774	VA-259
21561	VE-87	21770	VA-93	22112	VD-7		VE-6	22639	VE-149	22775	VA-177
21563	VE-127	21772	VB-247	22113	VD-6	22444	VA-108	22648	VC-94	22776	VA-178
21566	VE-2	21773	VB-104	22115	VF-115	22449	VB-264	22648	VC-94	22777	VA-179
21567	VE-90		VE-213	22124	VF-123	22450	VB-265	22661	VA-222	22778	VA-92
21569	VE-85	21777	VE-198	22131	VG-90	22452	VA-180	22662	VA-349	22780	VA-98
21591	VE-99	21781	VA-352	22132	VF-126	22456	VB-345	22663	VA-350	22781	VA-98A
21592	VA-240	21782	VF-108	22133	VB-163	22460	VC-5	22664	VC-59	22785	VA-96
21594	VF-181	21785	VB-70A	22140	VA-114	22461	VA-242	22665	VC-61		VB-162
21597	VA-145	21791	VA-65	22146	VA-282	22462	VA-243	22666	VC-60		VB-308
21598	VA-147	21792	VA-70	22152	VB-201	22463	VG-104	22667	VC-66		VD-43
21599A	VA-150	21793	VA-67	22153	VG-97	22464	VG-103	22669	VC-62		VB-37
21600	VA-223	21794	VA-71	22156	VE-60	22468	VA-162	22670	VC-69	22786	VB-37
21601	VA-152	21800	VE-135	22189	VD-35	A22469	VA-167	22671	VE-152	22793	VC-79
21604	VI-17	21801	VE-133	22190	VD-20	22475	VA-45	22675	VE-154	22794	VC-74
21605	VH-31	21804	VE-134	22197	VB-31	22476	VA-44	22676	VA-268	22795	VC-81
21606	VB-147	21813	VA-72	22202	VB-198	22477	VA-46	22677	VE-155	22796	VC-75
21607	VE-94	21814	VA-62	22214	VA-50	22478	VJ-10	22678	VE-162	22797	VC-76
21611	VA-188	21817	VA-309	22216	VJ-2	22479	VJ-9	22679	VE-163	22800	VB-278
21623	VD-33	21818	VE-103	22226	VA-124	22480	VA-308		VA-263	22801	VB-279
21630	VH-27	21820	VA-313	22227	VB-326	22499	VE-190	22680	VE-156	22802	VB-290
21631	VB-20	21821	VA-322	22231	VB-285	22503	VH-36	22681	VA-58	22805	VB-2
21632	VA-335	21822	VA-194	22233	VE-142	22516	VF-168	22683	VC-39		VB-283
21636	VA-17	21823	VA-195	22240	VA-228	22517	VF-168	22684	VE-167	22806	VB-281
21637	VE-211	21824	VG-84	22243	VA-90	22517	VD-74	22684	VE-70	22808	VA-260
21638	VE-212	21826	VB-4	22255	VA-226	22518	VH-37	22685	VE-71		VB-288
A21639	VE-208	21827	VB-317	22256	VB-276	22521	VE-59	22686	VE-67	22810	VB-296
21639	VE-209	21829	VB-321	22258	VA-107	22522	VH-41	22688	VE-66	22814	VB-292
21641	VE-114	21830	VB-320	22259	VA-172	22529	VB-146	22690	VE-65	22817	VB-103
21642	VA-189	21835	VB-314	22265	VB-223	22537	VC-96	22691	VE-170	22818	VB-91
A21652	VA-186	21839	VC-89	22266	VB-219	22538	VC-97	22692	VE-171	22820	VB-41
21652	VA-187	21840	VC-52	22267	VB-217	22547	VF-12	22693	VE-169	22821	VB-38
A21653	VA-206	21841	VC-54	22274	VB-215	22548	VF-13	22694	VE-172	22831	VB-220
21653	VA-207	21842	VC-93	22277	VI-20	22550	VF-15	22695	VE-173	22833	VB-3
21655	VA-190	21843	VC-51	22284	VF-34	22556	VF-143	22696	VE-54	22834	VB-202
21660	VA-123	21847	VB-319	22286	VF-38	22570	VF-151	22697	VE-53	22839	VA-3
21661	VA-122	21848	VB-318	22294	VB-18	22571	VF-150	22698	VE-55	22840	VA-25
21662	VA-20	21860	VB-257	22295	VE-64	22574	VF-149		VE-176		VF-59
21663	VA-27	21862	VC-72	22297	VE-143	22575	VF-156	22699	VE-179	22844	VB-185
21664	VA-19	21876	VB-331	22300	VE-68		VH-3	22701	VE-180	22845	VB-228
21665	VA-23	21890	VA-4	22301	VB-272	22577	VD-10	22702	VE-177	22846	VB-229
21667	VA-33	21896	VE-14	22303	VC-87	22578	VD-11	22703	VE-178		VB-327
21677	VA-153	21901	VD-24		VD-45	22579	VD-14	22705	VA-235		VG-80
21678	VA-154	21903	VG-79	22320	VB-164	22580	VD-15	22710	VE-29	22848	VB-230
21679	VB-57	21905	VA-2	22322	VH-22A	22581	VD-28	22712	VE-28	22849	VB-179
21680	VA-156	21949	VB-332	22323	VA-246	22582	VD-27	22715	VA-193	22850	VB-180
21682	VF-129	21950	VB-333	22326	VA-208	22585	VD-25	22719	VE-16	22851	VA-256
21684	VB-328	21969	VB-236	22328	VA-61	22586	VC-101	22724	VE-37	22853	VA-273
21697	VB-15	21977	VD-36	22331	VA-69		VD-50	22725	VE-38	22854	VA-274
21698	VF-158	21978	VD-48	22339	VA-211		VJ-17	22726	VE-17	22855	VA-142
21699	VF-161	21979	VD-38	22340	VC-99	22589	VC-85	22727	VA-239	22856	VA-336
21700	VF-160	21980	VD-39	22341	VC-100		VD-44	22728	VA-283	22857	VA-337
21701	VF-159	21981	VF-94	22369	VA-16	22590	VC-87	22732	VA-284	22858	VA-338
21702	VE-3	21986	VF-96	22371	VE-5		VD-46	22733	VA-160	22859	VA-115
21703	VF-170	21989	VF-103	22373	VA-78	22591	VD-37	22736	VG-95	22865	VA-51
21704	VF-175	21990	VF-29	22378	VB-295	22594	VD-21	22737	VG-106	22866	VA-52
21713	VF-147	21992	VF-49	22380	VB-26	22595	VD-1	22738	VG-107	22867	VA-232
21714	VD-69	21993	VF-60	22382	VB-27	22596	VD-22	22740	VG-87	22877	VA-294
21716	VA-24	22002	VF-177	22383	VB-29	22597	VD-2	22745	VF-130	22879	VA-314
21717	VB-196	22003	VF-162	22384	VB-30	22598	VD-9	22746	VG-109	22884	VA-39
21718	VB-197	22005	VD-72	22385	VB-36	22599	VD-8	22747	VG-108	22885	VA-38
21721	VH-16	22015	VE-4	22392	VB-344	22600	VD-4	22748	VG-94	22886	VA-41
21722	VH-17	22016	VE-11	22399	VA-239	22601	VD-60	22749	VG-96	22887	VA-210
						22602	VD-54	22750	VG-98	22893	VA-68

# NUMERICAL PARTS LIST, Continued

Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key
22895	VA-209	22982	VA-251	23432	VC-88	23664	VB-225	23786	VA-131	23954	VF-134
22896	VA-217	22983	VA-276		VD-47	23665	VB-72	23788	VF-110	23955	VF-135
22899	VA-225		VE-187	23433	VB-312	23666	VB-73	23789	VF-90	23956	VB-161C
22902	VA-262	22984	VA-277	23440	VA-184	23670	VB-262	23801	VA-99	23957	VB-226
22906	VA-270		VE-182	23446	VA-196	23674	VA-295	23802	VA-109	23959	VD-79
22907	VB-58	22989	VB-260	23447	VA-197	A23682	VB-206	23820	VF-46	23960R	VA-98C
22908	VB-60	22990	VB-263	23452	VA-181	23682	VB-207	23823	VF-169	23964	VC-14
22910	VB-59	22995	VB-33	23454	VB-183	23683	VB-209	23827	VB-105A	A23967	VB-49
22917	VB-175		VA-148	23455	VE-18	23684	VB-219A	23828	VB-105	23967	VB-50
22922	VB-325	23068	VA-317	23456	VE-45	23698	VC-35	23829	VA-57	23986	VA-293
22924	VB-277	23081	VE-219	23457	VE-19	23699	VF-20	23831	VB-132		VE-107
22929	VB-188	23084	VA-1	23458	VE-22	23700	VF-23	23834	VF-98	23987	VA-300
22930	VB-191	23085	VB-153	23459	VE-30	23701	VF-21	23836	VD-29	23988	VA-301
22931	VB-189	23088	VA-13	23460	VE-23	23704	VF-22	23837	VA-99A	23989	VA-302
22934	VB-114	23089	VA-15	23461	VD-31	23705	VA-59	23838	VA-102	23990	VA-304
22935	VB-119	23091	VH-1	23462	VD-17	A23710	VA-229	23844	VA-345	23991	VA-320
22937	VB-109	23097	VI-21	23464	VB-67	23710	VA-230		VB-134	23993	VA-299
22938	VB-158	23098	VH-23	23489	VA-255	23711	VE-43	23859	VB-222	23994	VA-305
22939	VB-160	23099	VH-25	23530	VD-57	23712	VA-234	23860	VB-208	23998	VA-182
22944	VB-267	23146	VB-121	23538	VB-1	23713	VA-233	23881	VJ-22	28457	VI-24
22945	VB-268	23152	VA-85	23540	VC-67	23731	VF-102	23884	VB-126	28679	VB-309
22946	VB-269	23154	VB-131	23570	VH-21	23733	VB-51	23885	VJ-23	29295	VF-64
22948	VB-251	23172	VA-292	23571	VH-22	23734	VB-52	23886	VJ-24	29296	VF-56
22949	VB-252	23174	VB-156	23572	VH-34	23738	VF-76	23888	VE-189	29340	VJ-11
22950	VB-253	23184	VA-49	23573	VH-35	23739	VF-81	23889	VE-194	29362	VA-53
22951	VB-212	23185	VA-49A	23574	VH-19	23740	VF-83	23892	VE-195	29467	VC-48
22952	VB-255	23186	VG-155	23575	VH-20	23742	VF-79	23893	VE-199	29553	VF-47
22953	VB-258	23190	VB-324	23576	VG-91	23743	VF-82	23894	VE-197	70891	VG-78
22954	VB-259	23198	VA-104	23582	VC-63	23746	VG-11	23895	VE-192	70892	VG-81
22956	VB-261	23311	VB-327A	23594	VD-75	23755	VB-122	23896A	VE-7	70899	VG-83
22960	VE-186	23344	VA-121	23595	VD-76	23758	VB-125	A23945	VB-165	73380	VB-6
22963	VE-36	23345	VA-218	23608	VC-92	23760	VB-115	23945	VB-166	73435	VB-7
22964	VE-41	23349	VA-101	23611	VA-175	23762	VB-128	23946	VB-167	81631	VE-95
22966	VE-42	A23350	VA-167A	23612	VE-188	23765	VB-130	23947	VB-171	92348	VF-17
22967	VE-39	23405	VB-227		VH-6	23766	VB-113	23948	VB-172	92434	VG-55
22969	VB-17	23406	VB-329	23644	VI-16	23769	VB-124	23949	VB-195	92455	VG-49
22970	VE-44	23409	VD-55	23663	VB-224	23772	VA-173	23951	VB-161	129843	VF-63
22971	VE-35	23431	VB-46								